MacFormat ISSUE 223 July 2010

> 40 iLife features you probably don't use, but should! > iPad artists > iPhone earphones group test > 17-inch MacBook Pro reviewed Printed in the UK

All your Apple needs

Mac FORMAT

> Mac > iPhone > iPad

> Issue 223 July 2010

NEW 2.4GHZ MACBOOK

WHY IT'S TIME TO UPGRADE

Full review p86

MACFORMAT ESSENTIALS

84 PAGES OF ADVICE!

The UK's no. 1 Mac magazine

Photoshop tips & tricks

Learn how to save your selections

Make better movie credits

Use Keynote and iMovie together

Stepping up to Aperture

First steps with Apple's pro app

THE LATEST KIT REVIEWED

> Adobe Creative Suite 5
> MacBook Pro 17-inch
> MacBook 2.4GHz

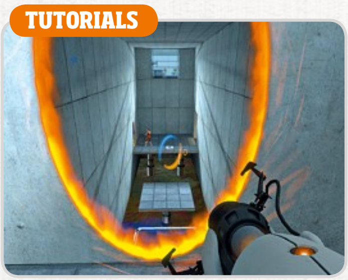
AND MUCH MORE!

MASTER... iPHOTO, iMOVIE, GARAGEBAND AND iWEB

iLife

40 cool features you probably don't use... but should!

TUTORIALS



Discover Steam

Get into gaming on your Mac

Mac solutions

Your Mac questions answered

IN-DEPTH

Art on the iPad

Unleash your creative side

DISC INSIDE!

> **iCompata 3.3.6** Get your personal finances in order
> **Disc Order 2.5.1** A more powerful Finder replacement

techradar.com

Future MEDIA WITH PASSION

JULY 2010 £5.99 £6 OUTSIDE UK & ROI

07>

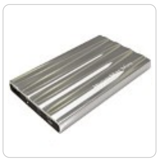
9 771353 851021

The world's only external battery for Apple® MacBooks®, iPhones® and now the iPad!™
Extend MacBook battery life up to 45 hours!
"Our favorite brand of precious-extra-juice-giving external batteries." - Gizmodo
"We're pretty big fans of the HyperMac external batteries." - Engadget
HyperMac
Extend iPad battery life up to 99 hours!

External Batteries for the MacBook, iPhone, iPod and iPad

HyperMac Nano
1800mAh
Recharge iPhone **1.5x**
Sleek aluminum casing
Available in **10 colors**

HyperMac Micro
3600mAh
Recharge iPhone **3x** or
Extend iPad's battery life
up to **15** hrs


HyperMac Mini
7200mAh
Recharge iPhone **6x** or
Extend iPad's battery life
up to **20** hrs

HyperMac 60Wh
16000mAh
Extend battery life of
MacBook up to **19** hrs
or iPad up to **34** hrs

HyperMac 100Wh
27000mAh
Extend battery life of
MacBook up to **26** hrs
or iPad up to **50** hrs

HyperMac 150Wh
41000mAh
Extend battery life of
MacBook up to **34** hrs
or iPad up to **70** hrs

HyperMac 222Wh
61000mAh
Extend battery life of
MacBook up to **45** hrs
or iPad up to **99** hrs

Car Charger
For MacBook
Charge your MacBook
even while you are
on the road

HyperMac is the only external battery and car charger solution that works with all Apple MacBook (Pro/Air) models. Available in 4 different sizes (60~222Wh), the HyperMac battery also powers the iPad, iPhone, iPod and all other USB devices. All HyperMac batteries* now support 10W USB charging which powers the iPad at the same rate as the iPad wall charger.

*Except HyperMac Nano

Order your favorite COLOR!

www.hypermac.eu/mf | +31-(0)-26-4720801 HyperMac™

© 2010 Sanho Corporation. Apple, MacBook, iPod, and iPhone are registered trademarks. MagSafe and iPad is a trademark of Apple, Inc. All rights reserved. The MagSafe cable and connector is manufactured by Apple, Inc. and modified to be compatible with HyperMac.

Welcome...

to MacFormat, the UK's No. 1 Mac magazine

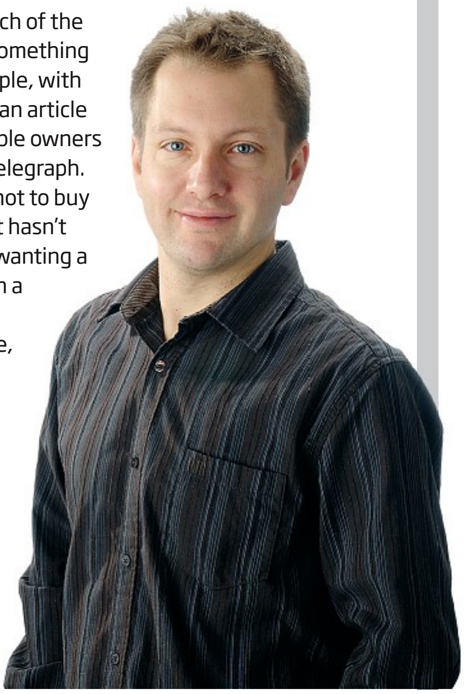
>> SUBSCRIBE!

Subscribe to *MacFormat* to **save 35%** on the newsstand price, and get an LA robe Allure Laptop Sleeve as well. **Turn to page 30 now!**

One thing that never ceases to amaze me about the Mac is that no matter how many years you've used one for, there's always something new to learn. As a seasoned *iLife* pro (in my mind, my *iMovie* efforts are up there with the best from Spielberg) I wasn't expecting to learn much from our *iLife* feature this issue. How wrong I was! Practically every tip opened up a whole new world of hidden features and handy hints that I'll actually put into practice in my projects. Apple manages to squeeze so much into its apps, while at the same time making them feel intuitive and uncluttered, that it simply has to hide a lot of really useful features away. I think that this issue we've managed to uncover quite a few hidden gems that you'll find really valuable too.

Also this month, the UK launch of the iPad seems to have triggered something of a media backlash against Apple, with the *Daily Mail* coming out with an article openly attacking Apple and Apple owners for being "smug bores", and a telegraph.co.uk article citing 10 reasons not to buy the "iPhone 4G" (a product that hasn't even been announced yet!). If wanting a computer that actually works in a way that's simple, elegant and intuitive makes me a smug bore, then so be it. I'm a smug bore!

Graham Barlow, Editor
graham.barlow@futurenet.com
twitter.com/MacFormat



>> THIS ISSUE'S HIGHLIGHTS

› Feedback
Your say on all things Apple **p20**

› Travelling light with your Mac
What to pack for your holiday **p24**

› iLife tips & tricks
40 great hidden *iLife* features **p32**

› How to
Great tutorials for Mac users **p43**

› iPad artists
Why artists love their iPads **p73**

› Earbuds for iPhones
Six great pairs on test **p108**

>> MEET THE TEAM / YOUR MACFORMAT EXPERTS!

Christopher Phin
Deputy Editor

"Your trusty Mac can be an essential travelling companion. It never asks if you're there yet and it doesn't lose its passport."
Chris shows you how to travel with a Mac p24

Ian Osborne
Reviews Editor

"The integrated graphics chipset is the new MacBook's most significant upgrade, stepping up from the 9400M to the 320M."
Ian gets his hands on the new MacBook p86

Christopher Brennan
OS X expert

"*Keychain* has been in the Mac OS since OS 8.6, which is quite a long time – more than 10 years, in fact. It's the app that keeps me lazy."
Chris shines a light on an OS X stalwart p67

Luis Villazon
Technical wizard

"The increasing sophistication of word processors has made desktop publishing software unnecessary for all but the most complex of tasks."
Luis on progress p83

Craig Grannell
Software guru

"*iStatMenus* remains a first-rate addition to any Mac; in fact as far as we're concerned, a Mac feels a little naked without it."
Craig checks out version 3 of Bjango's utility p98

Mac FORMAT

Contents

● NEWS & OPINION ● STEP-BY-STEP TUTORIALS ● LATEST REVIEWS ● MAC BUYERS' GUIDE

ISSUE AT A GLANCE

Do more with your Mac today

30 pages of great tutorials for improving your Mac skills **p43**

Answers to your Mac questions

Start here for some simple solutions to Mac problems **p78**

Discover the latest Apple kit

Read our verdict on new Apple hardware and software **p85**

Buyers' Guide

The best Mac & iPod products

Don't buy a new Mac until you've read our Buyers' Guide **p113**

MASTER... iPHOTO, iMOVIE, GARAGEBAND AND iWEB

40 cool features you probably don't use... but should!

32

my MAC PACKING Adventure
Aberdeen
Edinburgh
Glasgow
Newcastle
Belfast
Dublin
Mac FORMAT
Cardiff
Bath
London
Plymouth
Cherbourg
Paris

Packing your Mac

How to prepare for a getaway **p24**

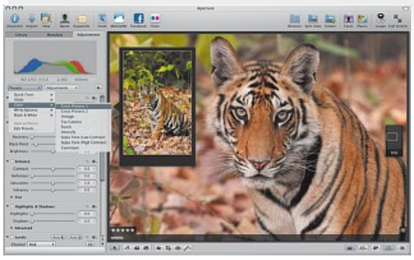
Win! An iPod and a set of Audio Chi headphones worth £980 **See p12**

iPhone earbuds

We test six pairs to the hilt **p108**

"A growing community of artists use the iPad and iPhone to create vibrant art"

THE NEW ART MEDIUM P73



> Explore Aperture
First steps in photo editing **p49**

> Full Steam ahead
Get gaming on your Mac now! **p64**

"The BassJump subwoofer augments your laptop speakers"

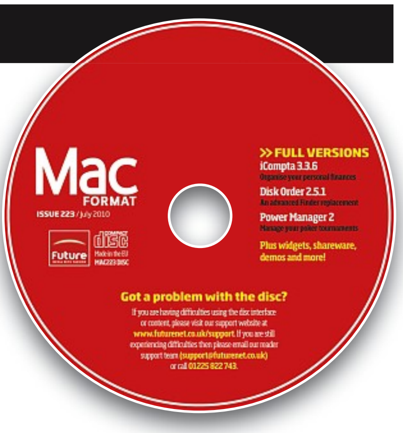
PORTABLE BASS UNIT P89

>> ON THE DISC

> Disk Order 2.5.1
Fast, reliable *Finder* substitute

> iCompta 3.3.6
Keep track of your money

> Poker Manager 2
Host a hassle-free home game


Mac FORMAT
ISSUE 223 / July 2010
disc
>> FULL VERSIONS
iCompta 3.3.6
Disk Order 2.5.1
Power Manager 2
Plus widgets, shareware, demos and more!
Got a problem with the disc?

All your Apple needs
Mac FORMAT
NEW 2.4GHZ MACBOOK
WHY IT'S TIME TO UPGRADE
Full review p86
84 PAGES OF ADVICE!
iLife
40 cool features you probably don't use...
but should!
Discover Steam
Mac solutions
Art on the iPad
techradar.com

>> Regulars

Start-up
Hot Apple news **6**

Competition
Win an iPod and Audio Chi headphones **12**

Me & My Mac
At home with a Mac **14**

I Use My Mac for...
Reporting the news **16**

Gadgets
Great new kit **18**

Feedback
Have your say **20**

Travels with my Mac
We investigate **24**

Subscribe to MacFormat
Never miss an issue again! **30, 105**

40 iLife features you've yet to use
Uncovering the hidden gems in Apple's suite **32**

How to...
Improving Mac skills **43**

iPad artists
Just why are creatives flocking to the iPad? **73**

Q&A
Problems solved **78**

Reviews
Definitive tests **85**

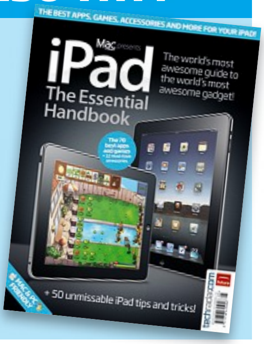
Buyers' Guide
How to choose your new Mac **113**

Mac User Groups
Meet with others **128**

Disc pages
On your disc **129**

>> WHY NOT ALSO TRY?

Like *MacFormat*? Then you'll love our *MacFormat Presents...* series of special issues. **Turn to page 121 to find out more!**


iPad
The Essential Handbook
50 unmissable iPad tips and tricks!

Start up

> NEWS & OPINION > INTERVIEWS > GADGETS > LETTERS

Apple vs Google gets nasty

As the competition ups its game, Google goes public on its offensive to prevent Apple potentially dominating the market…

3G
9:42 AM
Tuesday
9
Messages
Calendar
YouTube
Voice Memos
Settings
Phone
10:21 AM
Google
54°
Mountain View
Partly Cloudy
63° 43°
Messaging
Voice
Market
Phone
Contacts
Browser
Maps

As mobile computing goes from strength to strength the iPhone is faced with tough competition.

Apple faces an influx of fresh competition from Google, Adobe, Logitech, Sony and others as the battle for the mobile evolution of computing enters a whole new phase.

iPhone OS-powered devices – including the iPhone and iPad – have captured consumer imagination as the PC-using paradigm moves from digital productivity to mobile digital consumption.

Apple may have the early lead but its competitors hope the company will lose its edge and lose its advantage. Apple has done before, falling behind in desktop computing to Microsoft Windows. This time around, Google and others hope Apple repeats its mistake.

Google's I/O Developers Conference in San Francisco in May saw the search giant send its Android OS army to war.

"If we did not act, we faced a Draconian future where one man, one company, one carrier was the future," said Google's vice-president of engineering, Vic Gundotra, as video footage cast Apple in the role of Big Brother, an ironic twist on the famed 1984 Apple advertising capmapign.

Google wheeled on allies, including Adobe, Sony and Logitech, to set out its stall, all based on Android OS.

Looking for 'droids

The Google TV project sees Sony and Logitech agree to manufacture TVs equipped with the Android OS. Sony CEO Howard Stringer characterised these discussions as important. Sony plans an iPad of its own, powered by Android.

Google also moved to announce future music downloads via its Android Market, using technology acquired on purchase of Simplify Media, developers of software which even lets you sync DRM-free tunes from *iTunes* into your Android device.

Confounding Apple's attempt to focus the industry on HTML5 and H.264 for video, Google released its recently-purchased VP8 video codec as a royalty-free solution. Fast but not quite ready for prime time, this move was interesting, though Jobs has warned of future patent litigation against open source codecs.

Google also introduced the stable version of the *Chrome* browser for the Mac.

>> MORE NEWS
@ For even more on the Mac, iPod and iPhone visit
www.macformat.co.uk

APPLE IN PICTURES / Early doors

© Getty Images

iPAD HITS UK SHORES

17-year-old Jake Lee from Theyden Bois in Essex becomes the first person to buy an iPad from the Regent Street Apple Store.

With Google now moving to compete with Cupertino at almost every point, it's no wonder Apple CEO Steve Jobs saw that company's sly move into mobile devices as dubious while Google CEO, Eric Schmidt, sat on the Apple board.

It's interesting to note that the GoogleTV products revealed at Google I/O share the same Imagination-developed graphic processor as the iPad. Apple owns 9.5% of Imagination.

Apple's refusal to support Adobe *Flash* on the iPhone has seen the latter call in the regulators to investigate if Apple is abusing its market power. True or false, Apple argues *Flash* isn't ready for mobile devices, crashes Macs and requires too much power. Apple also says over-reliance on another party slows innovation.

APPLE IN NUMBERS

£10.3 billion

The amount Steve Jobs lost in a poorly timed stock trade.

Adobe has succeeded in convincing Google to support *Flash* on Android devices, but published video evidence confirmed that work is required in order to prevent *Flash* impacting performance and battery life on Android-powered smartphones. Apple may be justified in demanding Adobe catch up on the needs of the mobile ecosystem. Adobe argues that Apple is limiting 'freedom'. Despite it all, an email purported to come from Jobs claimed, "I respect and admire Adobe. We just chose not to have *Flash* on our devices."

At time of writing, Apple is preparing to host its next developers conference, WWDC 2010. There the company is likely to introduce the next-gen iPhone and explain more of its plans for the iPhone-powered ecosystem. Will it allow Android to dominate this space without a struggle? Doubtful. Inside Digital Media analyst, Phil Leigh, points out: "At an estimated $220 billion in the US alone, the market is simply too large to ignore. If they fail to move aggressively, they'll forfeit that to GoogleTV." iPad, iPhone and other consumer-focused devices seem set to propel Apple's Mac sales to rise from $18 billion this year to $27.5 billion in 2014, Leigh said.

Was WWDC a strong response? Jobs wrote: "You won't be disappointed." As we go to press before the event, we hope you'll read about it at our sister website, TechRadar.com to find out. ●

"I'm grateful the Kindle opted for boring old buttons to turn pages"

Christopher Phin sees sense in the traditional. »

Apple talk

Who's saying what?

Steve Jobs,
www.apple.com
"Yep, freedom from programs that steal your private data. Freedom from programs that trash your battery. Freedom from porn. Yep, freedom. The times they are a changin', and some traditional PC folks feel like their world is slipping away. It is."
Apple's boss talks iPad and change.

Ralph de la Vega
www.att.com
"I'm addicted…"
AT&T CEO on the iPad.

Paul McCartney
www.paulmccartney.com
"I know iTunes would like to do it, so one day it's going to happen."
Ex Beatle blames EMI for delayed arrival on iTunes.

Ray Ozzie
www.microsoft.com
"Apple would rather have you code in different ways for the device and for HTML in the browser."
Microsoft's software chief slates iPhone OS demands.

Johnny Geller
www.curtisbrown.co.uk
"Apple is changing the game with the agency model… Who has control – the publisher or the e-tailer?"
Literary agent questions the iBookstore

Have you heard any great Apple quotes? Email us at macformat@futurenet.com

IN THE SPOTLIGHT

Do and be damned

Christopher Phin

Designing stuff is like being in politics. It could be argued that the best politicians, just like the best people, do things because they're right, not because they're popular.

Anyone who thinks this is an easy choice to make, or who accuses anyone doing something that is popular and right only in the short term of mendacity, venality or sheer weakness is likely to be woefully ignorant of the delicate balance of powers involved in any large organisation. Surely we have all done something to win short-term praise, either out of a knowledge that it's a strategic move to benefit a bigger issue later, or out of a need to have our egos stroked a bit.

In hardware and software design, there is much pressure from vocal sections of the public to add this feature, to hook into that service, to adopt this model for distribution and sale. Use focus groups, sure, but only to know what the public thinks, not what you should do. Companies that allow themselves to be led by these views are unlikely to ever make anything truly great; it's a committee of a hundred thousand.

> *"We have all done something, to benefit a bigger issue later, or out of a need to have our egos stroked a bit"*

The boys at the Iconfactory have been wrestling with this recently, trying to work out how to balance clarity and elegance with power and flexibility on the tiny canvas of an iPhone's screen for their Twitter client, *Twitterrific*. (Read **http://dlanham.com/2010/05/redesigning-twitterrific** and the links to David's colleagues' posts at the end of his.)

Using my Kindle, I am grateful that Amazon opted for boring old buttons to turn pages rather than a touchscreen system, even when it was being called old-fashioned and out of touch; it's just right, and means I don't have to move my thumb from its natural position to turn the page.

It's wrong to confuse 'features I'd like this product to have' with 'features that this product must have before it can objectively be called good for at least some users'. And I wish more people complaining on forums and on Twitter would remember it. ●

Busy-bee Christopher Phin has also edited MacFormat's Essential iPad Handbook – it's in all good newsagents now, folks!

iPAD IN THE UK

UK iPad sales go sky high

Apple's iPad an explosive success in Blighty

Thousands of UK iPad purchasers received their new Apple toys one day before they expected to do so, generating thousands of complaints as iPad-mania reached fever-pitch.

Many *MacFormat* readers were among those receiving their iPad early, but Apple's couriers, TNT, reported over 100,000 complaints as pre-order customers who'd planned to sign for the sale on 28 May discovered that an attempt to deliver was made the day before. These figures confirmed just how much in demand the product has become in the UK. Launch day was somewhat mired by limited stocks among Apple resellers.

Stephen Fry, with his brand-new iPad.

© Getty Images

Anticipation was also high in Australia and Japan. Queues formed outside Apple retail locations on Thursday as potential customers waited overnight for the launch.

Apple's new product is already a huge hit in the UK, where a Kelkoo survey of 965 gadget users found that 40% of Brits would be willing to replace their current laptop with an iPad. This isn't an Apple fait accompli, however. 18% of them said the iPad wouldn't be popular, and some are waiting for the second-generation model to ship.

APPLE IN NUMBERS

40%

The iPhone accounts for almost half Apple's income.

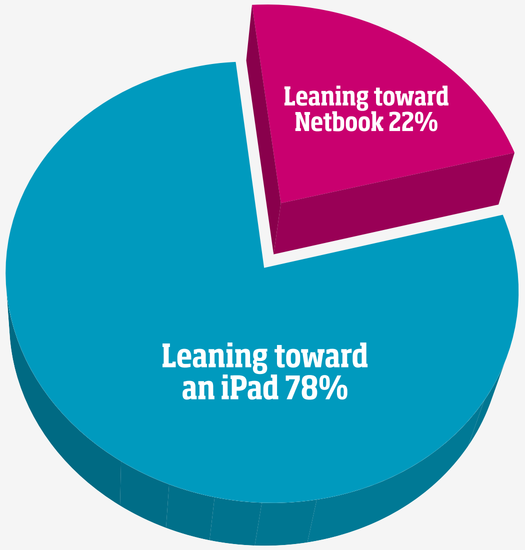
The iBookstore was off to a strong start, too, with Hachette UK, Penguin, HarperCollins and Pan Macmillan all among the UK publishers to have reached deals to offer their titles via Apple's book service, which also provided Project Gutenberg titles on launch.

Negotiations between publishers and Apple in Europe were fraught and went to the wire. Apple's insistence on price control caused problems, reports claimed: "Some publishers have walked away from talks for fear it would damage relationships with other e-tailers," The Bookseller wrote. ●

© Getty Images

Regent Street experienced an incredible buzz at their Apple Store for the release of the iPad.

APPLE IN NUMBERS / Netbook vs iPad



THE PEOPLE'S CHOICE

"Now that the iPad in all its variations is on sale at your local Apple Store, it looks like consumers who are struggling with the decision to buy an iPad or a netbook are overwhelmingly leaning toward an iPad, with 78% in that group going for the iPad," Retrevo reveals within its recent consumer survey.
www.retrevo.com

MEDIA ALLEGATIONS

iTunes in trouble

Has Apple abused its dominance?

The Department of Justice has launched an investigation into Apple's iTunes service, attempting to ensure the iPhone company hasn't been abusing its leading music retail position to affect evolution of the business.

Investigators have spoken with major labels and competing music services to find out more about Apple's behaviour in the industry.

This follows claims Apple abused its dominant market position. Allegations assert it persuaded music labels to deny competing retailer Amazon from exclusive access to music.

A March Billboard report said iTunes reps told labels not to support a promotion in which Amazon tried to secure exclusive song sale rights in exchange for promotion via the 'MP3 Daily Deal' section online.

What makes these accusations serious is that Apple is alleged to have punished those that did by withdrawing marketing support for the songs on iTunes.

Apple is the top US music retailer, responsible for over a quarter (26.7%) of all music sold in the country, the world's biggest music market. It has a grip on 69% of the digital music market, recent NPD Group figures claim.

The investigation emerged as Apple reportedly files away the rough edges from its anticipated move to introduce a streaming music service for iTunes users. That move may be the death knell of online music retail in the traditional sense, and would likely loosen control of the market, should labels agree streaming deals with competing firms, such as Spotify.

The iTunes investigation is at an early stage, but is just one of several ongoing regulatory investigations taxing Apple management. After an Adobe complaint, the Federal Trade Commission is investigating Apple's rules for applications developers. The DoJ also has an ongoing investigation into the hiring practices in Silicon Valley. ●

APPLE IN NUMBERS

39%

Mac sales climbed 39% in April, says Piper Jaffray.

HOT OR NOT?

The latest word from the Apple rumour mill

HOT: iPod touch to gain camera
A camera-equipped iPod touch was expected last year. Now new pre-production samples have emerged which suggest the next model iPod touch will boast cameras – at last.

HOT: AT&T to lose exclusivity
Apple intends offering the iPhone through Verizon and Sprint as it diversifies its carriers. Customers beyond AT&T could see iPhones on their US networks from September 2010.

NOT: Apple plans the iPad Pro
Citing Apple patent filings, a Computerworld report speculated Apple could introduce an iPad running both OS X and iPhone OS that will run iPhone apps in a Dashboard-like layer.

NOT: Apple buys Electronic Arts
Apple may intend purchasing Electronic Arts. We aren't convinced, as we don't see this as a critical move for Apple, with games firms more interested than ever in its platforms.

Apple on TV

The Mac is ready for its close-up

If you saw actor Jake Gyllenhaal cooking on Friday Night with Jonathan Ross recently then you'll have seen the moment Ross's iPad got added to the strange on-screen cooking concoction. Along with some Stilton.
If you've spotted a Mac on television, then email macformat@futurenet.com and tell us all about it!

>> ACROSS THE POND

Why I love the WWDC

Susie Ochs

To be honest, I don't actually attend the Worldwide Developer's Conference (WWDC) proper. It costs big bucks, and I'm not exactly a developer. But as I write this, the keynote is in mere days, and I'm giddy with excitement. You should be too, and here's why.

Now that Apple's pulled out of the Macworld Expo, this is the only big Apple keynote address left. We can't count on the invite-only, smaller-scale press events for the announcement of a new product or preview of an OS; they're just for press. WWDC's keynote is the big show, featuring Steve Jobs, Phil Schiller, Scott Forstall and hopefully my personal favourite, Bertrand Serlet (making fun of Windows sounds so much classier in a dashing French accent).

My first WWDC keynote was in 2006, when the Mac Pro was unveiled, and I beheld thousands of nerds cheering for thumb screws on the PCI brackets, designed to avoid falling into the enclosure. 2008 had the iPhone 3G and App Store, and 2009 brought the iPhone 3GS, plus the 13-inch MacBook Pro. For 2010, obviously the smart money is on a little product that rhymes with 'morph veneration pie-zone.' Trust me, few experiences are as cool as seeing Steve Jobs pull Apple's next squillion-selling product out of the pocket of his Levi's 501s.

> *"I beheld thousands of nerds cheering for thumb screws on the PCI brackets, designed to avoid falling in the enclosure"*

Nowhere else will you find such creative, passionate people dedicated to using their minds, their Macs, and the knowledge they pick up at WWDC to make the software and experiences we enjoy every day. They flock here for the best access to hundreds of Apple engineers (in the post-session Q&As, those guys know all the As). Even if, like me, you're on the outside, you can rev your geek engine knowing that the inspirations found there will eventually show up on our Macs, iPhones and iPads.

One more thing: the burritos! After all, this is San Francisco – wolf down a two-pound, joy-stuffed, salsa-verde-topped burrito and you'll leave this town a changed person. ●

Between burritos, *Mac|Life* senior editor Susie Ochs live-blogs and live-tweets big Apple events for @MacLife and MacLife.com.

>> GAMING TORCH LIT

Apple Mac goes Steam-powered

Mac gaming finally comes of age

Dozens of new titles are flowing to the Mac, following Valve Software's move to make its Steam games portal available to gamers on the finer platform.

Mac users raced to download *Portal*, *Football Manager 2010* and *Torchlight* at launch. This is the thin end of the wedge. Steam has grown 25 million users since it launched in 2004. It now has over 1,000 titles available that it allows PC owners to buy and download to play on their computers.

According to Valve, during the first week of sales on the Steam service, more than 11% of Steam purchases were for the Mac. Additionally, two-thirds of all Steam Mac users are running a laptop, while *Portal* is one fifth as likely to crash on a Mac than on Windows.

A dozen games were added to the catalogue one week after release, including the introduction of the first cross-platform multiplayer game offered via Steam. These titles include *Killing Floor*, *Altitude*, and *Madballs in Babo: Invasion*, *Sam* and *Max: The Devils Playhouse Episode 2*, *Hearts of Iron 3*, and plenty more besides.

"We were thrilled when we learned that Steam was coming to the Mac platform and started working on a native Mac version of *Killing Floor* immediately," said John Gibson, President of Tripwire Interactive, creators of *Killing Floor*.

"Steam's advanced multiplayer support on both the PC and Mac has enabled us to bring *Killing Floor* to a whole new audience on the Mac and introduce them to the existing PC player community." New titles are made available each Wednesday. ●

>> APPLE IN NUMBERS

59%

Number of iPhone users who regret a foolish Facebook post.

Stockwatch

A look at the world of Apple business with Clem Chambers

Apple is now more valuable than Microsoft. It may just be the case that the recent stock market correction is the cause of this victory. Apple just hasn't fallen as far as Microsoft in the stock market rout. However, nothing takes away from the fact Apple recovered from nearly going out of business to becoming the second largest company listed on Wall Street.

I promised to short Apple when this happened but I will hold off because the market will rally. I will buy an iPad and see if it can stay in my hand. However much money there is to be made from it, it will give me no pleasure when Apple goes to normal valuations. Perhaps in a few months it will take over from Exxon as Wall Street's most valuable company. It will be silly if it does, but the stock market can be like that. The traders' maxim of "up like a rocket, down like a stick" will likely prove true in due course, but meanwhile, long may Apple rock!

Clem Chambers is CEO of ADVFN, Europe's leading stocks and shares website.

>> iPAD ENVY

iPad gets off to a huge start

One in five US consumers wants to own an iPad

The iPad has become an object of desire.

With more than a million sold, Apple is selling more iPads than Macs and one-in-five US consumers plan to purchase the product.

Based on a May survey of 3,000-plus consumers, research from ChangeWave suggests that even after strong initial interest, demand for the iPad is climbing.

"Consumer demand for the Apple tablet going forward is even stronger than the pre-launch demand we recorded back in our February survey," the research claimed.

One in 20 (7%) of respondents say they're very likely to buy an iPad and another 13% say they are somewhat likely. This equates to perhaps one in five US consumers, reflecting the "highest level of consumer interest to date," the survey said.

Apple's iPad is loosening Amazon's Kindle-led grip on the eBook market, Changewave said. The iPad is "already registering a 16% share of the e-Reader market," the survey said.

iPad users are also more likely to read newspapers or magazines on their device than users of other devices, the survey said. 50% of iPad owners read newspapers, compared to 14% of users of other eReaders, the survey claimed.

Satisfaction is also high. 91% of new iPad owners said they were somewhat or very satisfied with Apple's device. That's the kind of satisfaction levels Changewave has detected in previous iPhone surveys.

iPad complaints include lack of *Flash*, difficulty keeping the screen clean and problems with net connectivity. The latter should be repaired by an update. Surfing the net, checking email and using apps are the top three uses, the survey suggests. ●

Menu
Level 3-9

A golden opportunity

iPhone apps up for awards

Voting has opened for the 2010 Golden Joystick Awards – and the undead are after your support. iPod favourites *Plants Vs Zombies* and *Call Of Duty: World At War: Zombies* are both shortlisted in the Download Game Of The Year category, alongside the zombie-free but gangster-heavy *GTA: Chinatown Wars*.

In a change from previous years, the awards categories are now defined by genre rather than platform, with games going head-to-head for titles such as RPG, Online and Action/Adventure games of the year.

The shortlists for all 16 awards are online now at **www.goldenjoystick.com**, where you can vote in as many or as few of the categories as you want.

>> APPLE EVENTS / What's going on in the world of Mac?

EUROPEAN MAC OS X TRAINING CAMP, France
16-24 June
This training event offers OS X certification and training to developers.

iTUNES FESTIVAL, London
July, free
Camden Town's Roundhouse hosts 62 acts over 31 days at the annual iTunes Festival. The acts playing include established artists such as Ozzy Osbourne, Scissor Sisters and Faithless, as well as newcomers The XX and Ellie Goulding.

GAMES CONVENTION ONLINE, Leipzig
8-11 July
Focused on online gaming. We're curious as to just how many Macs and iPads will be making an appearance at the show for 2010.

MACFORMAT 224
21 July
As well as all the usual reviews, news and how-tos, we show you how to effectively speed up an old Mac; plus we also test out Apple's very own in-store trainers.

IBC EXHIBITION, Amsterdam
10-14 September
IBC is the leading international forum for the electronic media industry, offering everything across the content value chain.

AD:TECH LONDON
21-22 September
Considering the fact that Apple is now in advertising, don't be surprised to see it around at the next interactivity-focused Ad:Tech show.

CES, Las Vegas
7-10 January 2010
The CES Apple section expands from 4,000 to 25,000 square feet next year, is Apple exhibiting here next year?

iPod
Music
Videos
Photos
Podcasts
Extras
Settings
Shuffle Songs
MENU

PRIZE WORTH £980!

Win! An iPod and a set of Audio Chi headphones!

Two 16GB nanos and 10 pairs of Audio Chi W Series cans to be won

What a glorious set of cans. Audio Chi's W Series features titanium-coated Mylar drivers, precision-engineered using the Glasgow-based company's Structural Acoustics Technology. A combination of precise sound reproduction and ultra-fast response times mean the entire audible spectrum is reproduced with crystal clarity. They're very comfortable too, combining a lightweight build with earpieces that rest on rather than envelop the ears. Sound isolation is excellent, and they do a fantastic job of defining the shape of the sound. It's like being at a live performance! No wonder they scored five out of five in last issue's review, earning the coveted MacFormat Choice award.

Thanks to the guys at Audio Chi, we've got 10 sets of W Series headphones to give away, with two lucky first-prize winners also bagging a 16GB iPod nano.

The question

To stand a chance of winning one of these superb prizes, just answer this question:

Where is Audio Chi based?

A) London
B) Glasgow
C) Birmingham

For more information on Audio Chi W Series headphones, go to **www.audiochi.com**. Catch them on Facebook at **http://bit.ly/a8JDWj**.

» HOW TO ENTER

- To enter, text AUDIOCHI followed by a space then your answer (A, B or C), space, then your name and address to 87474; or enter via **www.macformat.co.uk** and click on the **Competition** link.
- By sending your entry, you agree to these competition rules and you confirm you are happy to receive details of future offers and promotions from Future Publishing Limited and carefully selected third parties.
- If you do not want to receive information relating to future offers and promotions, please include the words NO INFO at the end of your text message.
- Texts will be charged at £1 plus your standard network tariff rate.
- Competition closes on 21 July 2010.

NEW HOSTING PACKAGES

INDUSTRY LEADING WEB HOSTING FOR OVER

10 YEARS

Create a website quickly & easily

Bed & Breakfast
About us
Rates
Visit
Contact
A Warm welcome awaits!
MY B
MY
Wedd

Get your website online in minutes

Use our free and easy website builder to create an attractive and professional looking website, including 350 customisable templates, personalised email and FREE instant setup.

With over 10 years experience, we're the web host you can trust. All of our web hosting packages include 24/7 phone and online support, so we're here whenever you need us.

NEW

STANDARD 50% OFF for 3 months

£1.99pm £2.34 inc VAT

Normal price £4.69 inc VAT

Our Standard package includes:

- ✔ **UPGRADED** 5GB web space.
- ✔ Unlimited website traffic (bandwidth)† - no limits, no fees.
- ✔ **FREE** website builder tool.
- ✔ **FREE** instant set up.
- ✔ Personalised virus and spam protected email.
- ✔ **FREE** £105 advertising vouchers.
- ✔ 24/7 phone & online support.

50% OFF

WEB HOSTING*

&

.net DOMAINS**

LIMITED PERIOD OFFER

*Visit **www.fasthosts.co.uk** for our full range of web hosting packages and details on our all new **one month contract** option*

Free instant setup • Unlimited bandwidth • 24/7 phone & online support

Buy now at

fasthosts.co.uk/hosting

0844 583 0741

Proud sponsor of The Great Exhibition 2012

fasthosts™

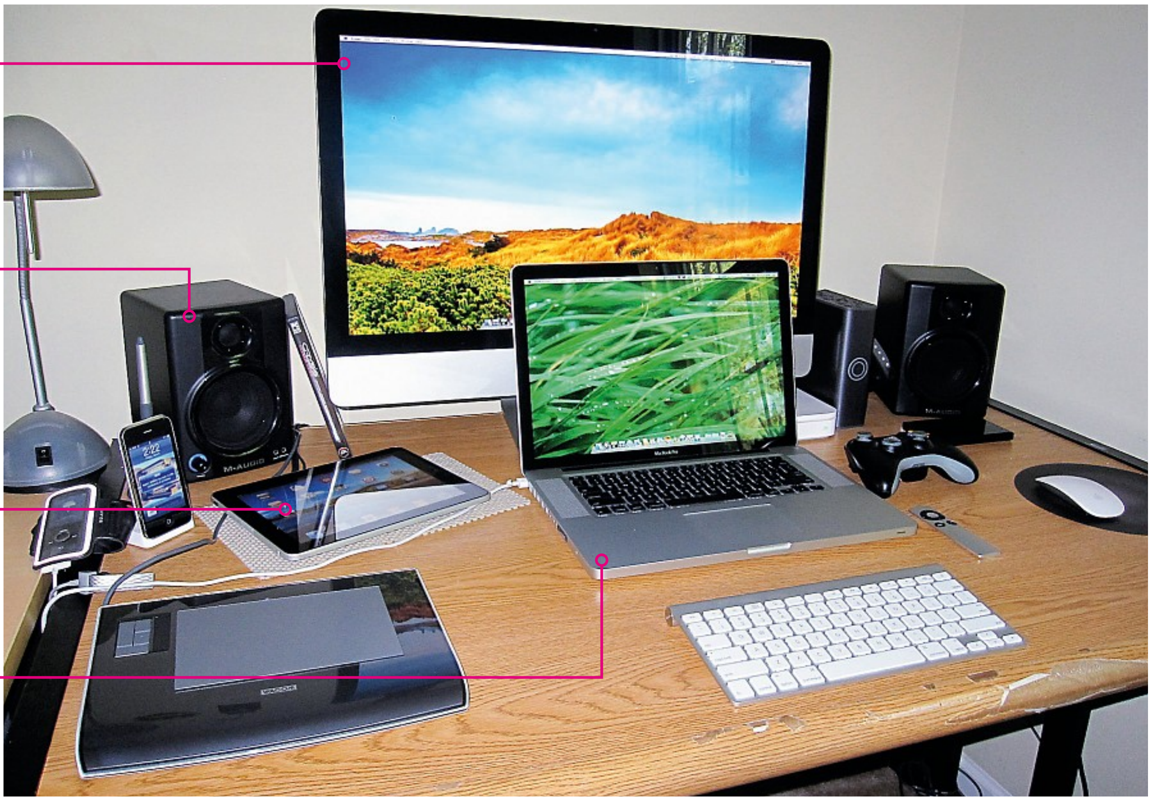
World Class Web Hosting

© 2010 All rights reserved. Fasthosts and the Fasthosts logo are trademarks of Fasthosts Internet Ltd. Offer, prices & product specifications valid at time of print.
All prices exclude VAT unless otherwise stated. Terms & Conditions apply, see website for details. †Unlimited bandwidth is subject to an acceptable use policy.
* 50% off web hosting offer for first three months. Web hosting offer subject to a minimum 12 month contract. **.net offer for first year of registration.

Me&MyMac

MacFormat readers share their beloved Mac setups

>> CONTACT US
Want to share your Mac setup with us? Send a photo of your kit to **christopher.phin@futurenet.com**



27-inch iMac
The Core i7 processor in this iMac is a build-to-order extra that adds £160. But man, does it fly!

M-Audio Studiophile AV 30
Though the iMac's speakers are surprisingly competent, good music deserves better.

iPad 64GB
The "jewel in his collection", this is the first (of many, we're sure) iPad to appear in the Me & My Mac section.

15-inch MacBook Pro Core 2 Duo
Though Jeffrey loves the portability of his iPad, this is still his true workhorse.

>> PROFILE
Name: Jeffrey Vance
Occupation: Corporate Training/Student
Been using a Mac for: Five years
Favourite hardware: iPad
Favourite software: iWork

Perhaps your college days passed in a confusion of scrawled lecture notes and rumpled handouts. If so, you'll be relieved (and possibly a little jealous) to know that things have moved on for students today. Jeffrey Vance of Charlotte, North Carolina, has put together a dream setup that helps him power through assignments and make the most of his free time.

"I use my Macs for everything under the sun," says Jeffrey. "I use *iWork* a ton for college work and whenever I need documents or presentations. My iMac is great for movies, so I spend a bit of time with them too. As I have a young daughter, *iPhoto* is my best friend with over 20,000 pictures and counting."

Like many Mac fans, Jeffrey has recently made a special new purchase. "Currently the iPad is the jewel in my collection as it makes room-to-room computing simple, fast and a lot of fun," he explains. "I can go anywhere in the house and not have to lug a laptop around with me. Digital media takes on a whole new meaning, with magazines and books so much more accessible. Immediately getting a magazine that I would normally have to wait months for is fantastic."

> *"The iPad is the jewel in my collection as it makes room-to-room computing simple, fast and a lot of fun"*

Jeffrey has also discovered that being a Mac user gives him a subtle edge over his fellow students. "Since I'm the only student in my classes that uses a Mac, my presentations, documents and spreadsheets are always different and more polished than everyone else's."

Jeffrey owes much of his enthusiasm to his local Apple Store. "From day one, the Apple Store staff have been helpful and very friendly. The Genius bar workers are great, and the store manager has helped me through many a gut-wrenching situation. No matter when I come in, there's at least one person there that remembers me. The Apple experience is more than just the products."

Despite his impressive setup, Jeffrey has plans to expand his Mac collection even further. "There are a lot of items on my radar at the moment, but the highest on my list would have to be a 17-inch MacBook Pro," he says. "I'd also like some new quality earbuds that actually fit! I have had the worst trouble with earbuds so far."

We hear you, Jeffrey. ●

heart internet

The UK's
Fastest Growing
Reseller Package

www.heartinternet.co.uk

Tel: 0845 644 7750

Reseller Hosting

30 Day
Money Back
Guarantee

Only
£29.99
Per Month

Reseller Features

- ✓ Host unlimited web sites.
- ✓ Linux & Windows New accounts included.
- ✓ Create your own web hosting packages.
- ✓ Disable, delete & edit accounts in real time.
- ✓ Fully brandable control panels and experience.
- ✓ Web hosting accounts instantly activated.
- ✓ HostPay shopping cart free.
- ✓ Generic webmail, SSL & nameservers or your own.

Ideal for Web Designers, Developers and Entrepreneurs

Start Your Own Web Hosting Company!

Web Hosting Features

- ✓ Unlimited web space & bandwidth.
- ✓ Unlimited mailboxes, forwarding & autoresponders.
- ✓ Unlimited databases, FTP & sub domains.
- ✓ Huge CGI library including WordPress & Joomla.
- ✓ Website builder & shopping carts.
- ✓ PHP, Perl, Ruby, SSL, Stats.
- ✓ Amazing control panel & file manager.
- ✓ Over 100 features for each account.

Too Much to List!
New Features Added All The Time

Check Out Our Website!

Reseller API Now Available

"Heart Internet support their customers with market-leading hosting technology at great prices"

Suzi Perry
Technology TV Presenter

HostPay

FREE with our Reseller Package

Create Your Own Hosting Company

Amazing Features Including:

What is HostPay?

HostPay is a highly customisable shopping cart & customer management system that is free with our Reseller Package.

- ✓ Supports PayPal, Google Checkout, WorldPay, Protx, Nochex & 2Co.
- ✓ Easy to set up and grows with your business.

Customer Management & Registration System

Instant Activation For Your Customers

Fully White Label Themes/Skins

For more information visit:
www.heartinternet.co.uk

Tel: 0845 644 7750 **Email:** sales@heartinternet.co.uk

MasterCard Maestro VISA DIRECT Debit

Prices exclude VAT

I use my Mac for reporting news

We interview Channel 4 news anchor and Mac owner Krishnan Guru-Murthy

>>PROFILE

Name: Krishnan Guru-Murthy
Web: http://twitter.com/krishgm
Occupation: Channel 4 news anchor
System: 24-inch iMac Core 2 Duo, 1TB hard disk, 4GB RAM; Black MacBook, 2GB RAM, 500GB hard disk

MacFormat: How long have you been using a Mac for?
Krishnan Guru-Murthy: I first laid hands on an Apple computer at school. My mum brought home an Apple 2e she had borrowed from the local college for us to try out. I loved it, but in the end my parents decided to go for a BBC Micro. I had PC laptops at home until I bought an iMac G3 in 2000. I've since owned an iMac G4, a 12-inch PowerBook and Mac mini. I now have an iMac and a MacBook.

MF: Why a Mac and not a PC?
KGM: The truth might be that I'm a bit of a sucker for design and advertising. But I like to think it's because I can do everything I want to do with my Macs so easily. Although my friends think I'm a bit of a geek, I'm actually pretty hopeless with complicated software. But I can plug in my guitars and piano keyboard and happily waste hours of time, or easily edit video footage.

MF: Are you forced to use a PC laptop when reading the news?
KGM: We make the programme with software that only runs on PCs at the moment, so I have no choice. I'm sure Mac versions could be written easily but I imagine cost is a major factor.

MF: What's your favourite app?
KGM: I leave open *Firefox*, *TweetDeck*, *Mail*, *iTunes*, *Spotify*, *Garageband* and *Word* almost all of the time.

MF: Will you be getting an iPad?
KGM: I use my iPod touch a lot and my initial reaction to the iPad was that I didn't think I really wanted to carry one around. I have already started to change my mind and suspect I will cave in before too long, but I might wait until it has an iSight camera and bigger memory.

MF: Which interview has been your most memorable for Channel 4 news?
KGM: My most memorable moment of the year so far is probably asking Gordon Brown if he hit, shoved or threw things at his staff. This was at the end of a quite rigorous interview about economic policy. I knew *The Observer* was about to print allegations along those lines, but it was still a very bizarre exchange to be having with a serving Prime Minister.

MF: Do you think that the political parties really got to grips with technology to help them deliver their message in the last election?
KGM: I think some party members tried hard, with lots of politicians joining Twitter for the campaign, using iPhone apps and various party websites. But they didn't really make it work as well as they should have done. The control mentality around politics can be stifling, and the caution online was very noticeable. (Some people believe the real progress was made in data collection; the Tories especially are thought to have a very big database of supporters now, including what issues push their buttons.) Journalism on the other hand was really quite vibrant and free online and absolutely the place to be, with the telly on in the corner. ●

Krishnan is an avid user of Twitter. TweetDeck is his favourite Twitter client.

Are you thinking what I'm thinking?
Yep!

Complete Maccess

The new LogMeIn Pro^2 for Mac gives you the freedom to remotely access your Mac – anywhere, anytime.

More freedom to be a Mac

Pro^2 for Mac lets you access and manage your remote Mac from virtually any internet-enabled device – even a PC. It gives you more freedom to roam knowing you're not leaving anything behind.

You can even transfer files, print from a remote Mac to the nearest printer and share your desktop so you can collaborate on the go.

Whether you want more mobility or easier access to apps and information, we invite you to try out LogMeIn. It's simple, fast and comprehensive.

Anytime, Anywhere Remote Access to Your Mac.

LogMeIn Pro^2

www.LogMeIn.com/Welcome/Pro4Mac

Gadgets

The hottest kit, coming soon. Here's what Apple is up against

Kodak
Waterproof 3meters

◀ Kodak Playsport

£130 **www.kodak.com**

What is it? It's a mini DV camera with a difference. The Playsport not only takes full 1080p HD video at 30fps and 5MP stills, it does so underwater, to depths of up to three metres.

When's it due? Out now.

Why are we excited? It's got a great feature set, including HDMI output and an electronic image stabiliser, but it's the underwater photography that really turned our heads. Imagine how much fun it would be on holiday!

iRig
AmpliTube

▶ IK AmpliTube iRig

Free app **www.ikmultimedia.com/irig**

What is it? Connect your guitar or bass to your iPhone, hook up with headphones or an amp and start rocking! The software comes in free, 'lite' (around £2) and full (£14) versions, while the hardware unit will be around £30, all prices subject to confirmation.

When's it due? Any time now.

Why are we excited? You can import music tracks and play along with your favourite stars, and 36 presets can be saved and recalled on the fly. A fun way to use your iPhone!

SONY
E 3.5-6.3/18-200 OSS
0.3m/1ft-0.5m/1.64ft

▲ Sony NEX-5

From £550 **www.sony.co.uk**

What is it? This compact camera has an interchangeable lens system, giving it DSLR-like functionality in a handy, carry-around size. Its robust magnesium body is comfortable to handle, and it offers a great combination of automatic and manual controls.

When's it due? Out now.

Why are we excited? It's great to see someone do something different with a digital camera, instead of endless samey compacts and DSLRs. As well as being very capable, the NEX-5 looks great fun to use, and that's how it should be.

▶ M.A.S.K. Custom Build Backpack

£129 www.slappa.co.uk

What is it? It's a laptop bag with a difference. With M.A.S.K, you can custom-build your own backpack. Starting with a base unit featuring black, blue or red lining, you add your own printed insert from the 12 on offer, then choose one of two front pieces. You can buy additional inserts for a tenner each, and the other front section for £30.

When's it due? Out now.

Why are we excited? It's an excellent mix of form and function. There's plenty of scope for creating your own style, and there's a pocket for just about everything. It's ideal for a weekend away with your MacBook.

▲ iRetroFone Base

$195 (about £136) www.freelandstudios.com

What is it? This resin iPhone dock features a fully working handset. With your iPhone in place, you can use iRetroFone Base to make calls, just like you would with a landline phone. It's hand-crafted, and features USB connectivity for syncing and charging.

When's it due? Out now, but often out of stock – demand's outstripping supply.

Why are we excited? We all love a little retro irony, and this is just gorgeous. Pity they couldn't write an app that gave your iPhone a retro dialler too.

▼ iDAPT i4

£40 www.idaptweb.com

What is it? The iDAPT i4 can charge three devices at once, including the iPod, iPhone and even the iPad. Interchangeable charging tips are supplied for most mobile phones, smartphones and games consoles, and it can also be used to charge rechargeable batteries.

When's it due? Should be on the shelves now.

Why are we excited? If you've turned the house upside down looking for a charger, you'll know exactly why we're excited. The iDAPT i4 keeps all your charging needs in one place. It's great to see it charges an iPad too, something few universal or iPod chargers can manage at the moment.

Inbox
Menu
htc
MENU
miniUSB
iPod - iPhone
iDAPT

Feedback

>>CONTACT US
Whatever your Mac-related cares, concerns or calamities are, let us know about them by contacting us on the following email address: **macformat@futurenet.com**

Let us know what you think about your Mac, MacFormat and everything Apple

MF on iPad

Is it at all possible to change my *MacFormat* subscription from print to Zinio, so I can get the magazine on my iPad?
Mike Hjorleifsson

MacFormat replies: *MacFormat's* subscription system and Zinio are separate systems, so we're afraid you can't switch between them. Don't forget, however, that as an existing subscriber to the print edition of *MacFormat* you can also get access to PDFs of each issue as it is released through the MacFormat.co.uk website.

With an app like *GoodReader* on the iPad (59p) you can easily download and view these PDF files on the iPad, which is very similar to the Zino experience. See the tutorial in last month's magazine for further details.

MacFormat 219.pdf
Mac FORMAT
iPad
Hands-on with the future

Subscribers to MacFormat can easily view each issue on their iPad.

Hard upgrade?

I thought I would share with other *MacFormat* readers my experience of replacing the hard drive in my two-year-old 20-inch aluminium iMac, following a recent failure with the hard disk.

While I wouldn't hesitate to replace the hard drive in a bog-standard tower or desktop PC, doing it in an iMac, which doesn't even have any obvious screws, was a rather more daunting prospect.

However, I only really found a couple of helpful guides online (e.g. http://bit.ly/9qcTGH) and while it is certainly not a job for the faint hearted, it did look quite achievable.

I took the opportunity to replace the original 320GB drive with a much larger capacity drive and ordered a reputable-brand 750GB 3.5-inch SATA drive and set to work.

Within about 30 minutes I had swapped the drives, put the machine back together, booted from the Snow Leopard DVD, partitioned the new disk with *Disk Utility* and started to restore my system from my *Time Machine* backup.

Anyway, the point of my letter is that while such a repair won't be for everyone, it is in fact perfectly accessible for anyone who is comfortable with computer components, given the appropriate instructions

>>STAR LETTER / Thanks a lot!

I recently went on holiday and did the usual at the airport. Amongst getting fleeced for a breakfast and looking at duty-free electronics trying to remember the normal price for stuff, I went into the newsagents and selected a few magazines to read while on holiday. I'm not sure why – perhaps curiosity about the hype that is Apple – but I looked at a few of the Mac-based mags, flicked through a couple and finally decided on *MacFormat (Issue 220)*, along with *Stuff* and the obligatory *FHM*!

Prior to the holiday I had an interest in the iPad, and so I was hoping for a bit of insight into this new device, which is taking the tech world by storm. I flicked through the *FHM* once with the conclusion that it wasn't what it used to be! And I made two or three passes of *Stuff*, ear-marking pages of a couple of gadgets I was interested in reading up on when I returned back home. *MacFormat*, however, I read from cover to cover at least 10 times, thoroughly enjoying the articles, reviews and letters other readers had submitted. It was quite a revelation to me to take such enjoyment from reading a magazine that I would have ordinarily passed over, having been involved with PCs for the last 20 years.

The subject title 'Thanks a lot' is double-edged: firstly, thanks for providing me with a damn-good read, but secondly thanks for the fact that I'm now more than a grand and a half lighter since your magazine persuaded me to purchase a 27-inch iMac Core i5! Secondly, thanks a lot!
Spencer Grogan

MacFormat replies: Thanks for the great story, with the iPad being the hook that brought you to the Mac. Hopefully it will have the same effect on many more people!

>>STAR LETTER

Email all your letters to us at **macformat@futurenet.com** If yours gets picked as the MacFormat Star Letter, you'll be sent a fantastic EyeTV Hybrid. It comes with analog and digital tuners, so you can use it to put TV on your Mac wherever you are in the country!

and a degree of care. Not only would this save anyone money in the case of a hard-disk failure, but it is also a cost-effective upgrade for anyone who wants more storage capacity.

I have enjoyed being a *MacFormat* subscriber since switching from Linux boxes to Macs more than two years ago, and would be keen to see some future articles in the magazine on hardware repairs/upgrades of this nature.

Simon Richards

MacFormat replies: As anybody can see by looking at the upgrade guide on that site, the iMac really isn't designed to be upgraded by the average user, so well done for doing it yourself!

iPad on the BBC

While watching the Monaco Grand Prix qualifying race on BBC1 on Saturday I was extremely pleased to see Jake Humphrey clutching his iPad and referring to, I assume, notes while talking to Eddie Jordan and David Coulthard.

Carey Humphries

MacFormat replies: Either that or he was trying to complete that particularly difficult level 12 on *Angry Birds*…

iMac as a screen?

Turn your 27-inch iMac into a HDTV with the Kanex XD box.

I have just received a copy of your latest summer 2010 *MacFormat* magazine, and am a little disappointed by your feedback article stating that the 27-inch iMac screen cannot be used as a HD display for a Blu-Ray player, Sky Box, etc. There is a product made by Kanex called the Kanex XD, which will do exactly this – I have it ordered and is being shipped to me now.

This little $149 beauty will then allow me to use my Blu-Ray player and PS3 and other devices via this converter and display them all on my 27-inch iMac. Happy days!

Ben

MacFormat replies: Well, we stand corrected, Ben! Thanks for the heads-up.

Information about the Kanex is currently available from www.kanexlive.com/products/kanexXd.html, and the UK distributor is Computers Unlimited. It's essentially a converter box with a HDMI port input and a MiniDisplay Port output. However, do note that there is one limitation: for full screen HD playback of Blu-ray DVD, PlayStation 3, Xbox Elite, Direct TV, Dish Network or other components you need to set your HDMI output at 720p. This is because of a limitation with the iMac not recognising 1080p input.

Also, the product only works on the 27-inch iMac – the 21.5-inch iMac does not accept an input signal through the Mini DisplayPort.

Jake brags to David about how many apps he has on his new iPad.

iAds

I've just read the editorial on iAds in the June issue. Having just purchased an iPhone 3GS, I'm somewhat concerned that this may have been a mistake if I am going to be bombarded with ads on my phone, if I update the OS.

I bought it to replace my old phone and PDA and not to receive unwanted ads. So as you are the experts, here are a couple of questions:
1) Can I update without iAds?
2) If not, is the best way not to download or update apps?

I now feel that future Apple marketing should highlight iAds, as it would have put me off had I previously known about it before the purchase, saving myself £400-plus pounds.

»

Twitter @#! talk

From the Twittersphere

We asked:
What do you think of Steam on the Mac? (See page 64.)

@dfnedsgn
"It's pretty good, just the updates almost every time you install are a bit of a letdown. Needs more Valve games as well."

@jodsclass
"Steam is excellent. Means I can almost ditch my gaming PC for my iMac (although they need some better titles such as TF2 and DOD)."

@enorris
"Old-school Windows UI."

@tim1357
"Installed it. Downloaded portal. Wouldn't run on MacBook. Has potential to bring gaming to Mac. Can be CPU-hungry sometimes."

@winstano
"Steam runs flawlessly. Portal, not so much. Damn old graphics cards!"

@mattdowding
"Seems to work nicely, but it'd be nice to play other games that I've already bought on Steam on my PC."

@youngdad33
"A little disappointed that not all games are available yet. But loving Portal!"

@scottishwildcat
"Wasn't expecting the huge downloads, and still haven't found any instructions for Portal so have no idea what I'm doing!"

You can find out what we're up to each month by following the team at Twitter.com/MacFormat

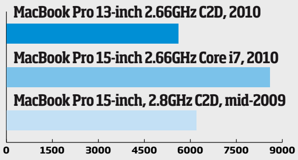
MACBOOK PRO BENCHMARKS / Explained…

I read with some anticipation the review of the new MacBook Pros with Core i processors and updated graphics – I was keen to see how much better the new "fastest ever" (as stated on the front cover) notebook from Apple bettered my 12-month-old 3.06 Core 2 Duo MBP. The review read well, but I didn't understand the benchmark graphs at the end of the article – the *Cinebench* and *Doom 3* FPS tests show the mid '09 2.8GHz trouncing the new models, and equalising on the *iTunes* encoding test. What gives? I can sort of understand the gaming results if the NVIDIA 330 does not yet have optimised drivers, but by over 50%? The other results are harder to explain. Could you help my confusion? Finally, and despite these comments, I loved the issue – in particular the 20 tips and tricks to let me do the things Apple doesn't allow, shared some really useful stuff!

Andrew Downie

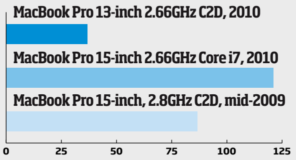
MacFormat replies: Apologies, Andrew. To our utter shame and embarrassment, the benchmark tables in our review of last issue's MacBook Pro 13-inch and 15-inch models were printed incorrectly. The correct benchmarks are printed below, and as you'd expect the Core i7 MacBook Pro outperforms the Core 2 Duo MacBook Pros. The *iTunes* encoding test is largely determined by the speed of the optical drive, rather than the processor, which explains why the figures are very similar.

BENCHMARKS / How do the MacBook Pros stack up?



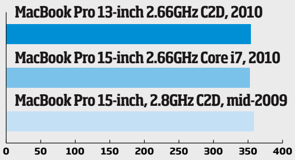
Cinebench (CBs)

Measuring CPU and GPU performance, *Cinebench* reports its results as a single figure. Multi-core performance quoted. Higher is better.



Doom 3 frame rates (FPS)

Tested using *Doom 3*'s 'timedemo 1' routine, set at 1,024x768 with settings at Ultra. Frames per second quoted. Higher is better.



iTunes encoding (seconds)

A timed test using the latest version of *iTunes 9*, ripping an audio CD at 128kb/sec AAC, auto sample rate, no VBR. Lower is better.

Please feel free to convey this to Apple, as I will do next time I go back into the store where I bought it.

Derek

MacFormat replies: No, you can't update to the next version 4 of the iPhone OS without including iAds, but we wouldn't worry about being bombarded with ads too much, Derek. The way we see it working, adverts will mainly appear in free apps, or apps from companies – such as *NIKEiD*, the Nike trainer app – in which the ad is actually of benefit to the users. We don't expect all your favourite apps to start bombarding you with in-app ads just because they can, especially if they are paid-for apps.

Most free apps already have adverts of some kind in them – all iAds will do is give developers the opportunity to make those ads more visually interesting by adding video, and allow them to appear inside that app.

O2-UK
15:23
MacFormat
macformat.techradar.c…
Google
Mac FORMAT
HyperMac
From the team
Latest issue
Latest reviews
Win! A Netgear network hard drive
Catch the games live

Will iAds mean your iPhone gets bombarded with ads?

The big picture

I felt compelled to email you again after reading this month's *MacFormat* but not about the usual high-quality literary content. This time it was the double-page artwork for the Mac-gaming article, with the chap on the hill looking at a game city. It took me right back to my childhood and old classic magazines, such as *Crash* and *2000AD*. I'm not sure what I liked most, the general look or the attention to detail squeezing in so many classic games really, really well.

Anyhow, hats off to the artist! It's really cracking work, which I felt was due recognition and a compliment or two. Keep up the good work.

Andi Vaughan

MAC GAMES
GAMETOPIA
MAC GAMES

A brave new world for Mac games

Hold onto your underpants, because games are about to get exciting on the Mac again. James King investigates…

Last issue we took a look into the future of games on the Mac.

MacFormat replies: Thanks, Andi. It looks like the arrival of Steam on the Mac means there could be a renaissance for Mac gaming right around the corner. The illustration that accompanied our feature on the future of Mac gaming was done by illustrator Bill McConkey. Check out more of his work at www.billmcconkey.co.uk. ●

Take Care

and start running Windows on your new Mac absolutely FREE!*

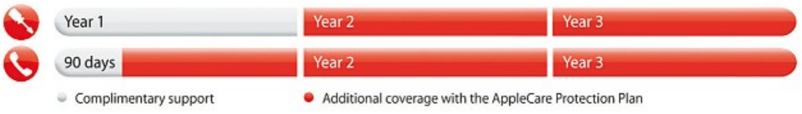
FREE!
Worth
£59.99

AppleCare
Protection Plan
Parallels Desktop 5 for Mac
Best Selling. Top Rated. Most Trusted.
Run Windows on Your Mac without Rebooting.
No.1 Selling Mac System Utility
Parallels Desktop 5 for Mac
Smart. Powerful. Lightning Fast.
Mac

Buy AppleCare with any MacBook, MacBook Pro or iMac from selected dealers and receive Parallels Desktop 5 for Mac absolutely FREE!

Get the most from your Mac.

The AppleCare Protection Plan for Mac extends your coverage to up to three years of repair service and telephone technical support from your computer's purchase date.


Year 1
Year 2
Year 3
90 days
Year 2
Year 3
Complimentary support
Additional coverage with the AppleCare Protection Plan

See terms at www.apple.com/legal/applecare/appgeos.html

FREE! Parallels Desktop 5 for Mac worth £59.99

Choice is good. Not having to choose is even better.

Introducing the all-new Parallels Desktop 5 for Mac – the fastest, easiest way to seamlessly run Windows* on your Mac. Enjoy thousands of Windows programs – with rich graphics support on both Windows 7 and Snow Leopard – all without rebooting your Mac.

* Microsoft Windows OS required, sold seperately.
** Whilst stocks last.

COMPUTERS UNLIMITED

Visit **www.unlimited.com/appleoffers** to find your local participating dealer

Authorised Distributor

MacFormat investigates

Travelling with a Mac

How do you keep your Mac connected and powered-up as you travel for business and fun? **Christopher Phin** packs up and goes on holiday…

Passport, tickets, money. Passport, tickets, money. Passport, tickets, money. And Mac! Yes, your trusty Mac can be an essential travelling companion. It never asks if you're there yet, doesn't lose its passport, and it's less painful to apply its antivirus measures than to subject your rump to jabs from your GP.

Whether you're setting off on holiday, or need to travel in the UK or abroad on business, we're here to help you and your Mac get along perfectly when you're on the road, and have gathered together the perfect mix of accessories to help you travel light. We're not suggesting you need every bit for every trip, but it's a great balance of flexibility and portability. (Don't forget to take your cables with you too!)

You'll see some tips from the team at *MacFormat* gleaned from years of travel with our laptops in tow, and on the last page you'll find a handy checklist of things to do before you finally set off on your trip.

There's advice for getting connected to the internet, handy hints on receiving and sending email and some useful money-saving tips throughout. And with the money you save, why not treat yourself to a nice bag for your laptop and overnight clothes? We've gathered together three well-made, smart examples on p29. So come on, grab your suitcase and let's go! »

MacFormat's top travel tips

Plug it in

Unplug the three-pronged UK plug from an Apple power brick, and you'll see that the connection is a standard IEC C8 socket; you can plug in any old figure-8 cable here, and because the adaptor switches voltages between 100 and 240V, it'll work in almost any country worldwide.

No charge

Don't take separate chargers for all your gadgets. If it will charge over USB, charge it off your Mac. Many battery chargers for things like video cameras also use C8 sockets, so potentially you could use the adaptors that you're taking for the Mac.

Movie magic

Rip your movies to your hard disk using an app such as *RipIt* rather than playing them from DVD. This ensures your laptop's battery will last longer. (But make sure you comply with the law!)

In the ether

If you're forced to connect your laptop using Ethernet, remember that you can use the Internet Sharing feature in the Sharing System Preference pane to rebroadcast it over Wi-Fi, so you can jump on and share it with your iPhone or iPod touch, for example.

Info dump

Store important information – your passport number, reservation references and contact details for your insurer, for example – securely, either on a piece of paper you keep safe, or in a password-protected app such as *Wallet* on your iPhone.

Safety first

Be security aware. All Macs (except the MacBook Air) have Kensington Security Slots that you can use to tether your laptop to a hotel desk, for example, with strong wire-reinforced cables.

My MAC-PACKING Adventure

N
W
E
S
Aberdeen
Edinburgh
Glasgow
Newcastle
Belfast
Dublin
Mac FORMAT H.Q.
Bath
Cardiff
London
Plymouth
Cherbourg
Paris

Illustration by Linzie Hunter

Planes, trains and Apple Macs

1
HyperMac
2
3
3
4
5

1 HyperMac external battery

£150-£370 Getting enough juice on the road can be a problem. Happily, HyperMac's range of external batteries can provide a backup, even if you don't have a laptop that has a removable battery. (If you do, buy a spare or two, and take them with you.)

2 3 MiFi

From £FREE The great thing about the MiFi is that it's a portable hotspot. Power it on, and it connects to the cellular data network, then creates a little Wi-Fi network for you so you can connect up to five devices at once. Domestic data prices are pretty good, even on pay as you go, though you need to top up separately for use abroad at a less comfortable £1.25/MB.

3 AirPort Express

£81 Lots of hotels still only offer wired internet connections, so take an AirPort Express with you and jack the hotel's Ethernet cable into it to share your pricey connection wirelessly. It means that you can connect your Mac and iPhone at the same time and only pay once, although the hotel might take a dim view of that!

4 Logitech Pure-Fi Anywhere 2

£72 One handy way to keep your iPhone charged while you're away is with this excellent speaker dock from Logitech. It comes with UK and EU adaptors and has a built-in battery - although it won't charge your iPhone from there as it needs mains power to do that. So all you need to do is dock your iPhone at the end of the day, fall asleep to a podcast and be woken up by your iPhone's alarm the next morning, ready to go with a fully charged iPhone.

11 Apple MagSafe Airline Adaptor

£29 Power your MacBook or MacBook Pro - the ones with the MagSafe power connector - on airlines that put a DC mains socket at the seats, although you're less likely to find them on budget carriers. It comes with a 20mm adaptor for the standard EmPower tip.

6 iPad

From £429 It's worth considering taking an iPad as your only computer, especially if it's a 3G model. It does most of the things you'd ask from a laptop, it's lighter and has a longer lasting battery than many more clunky machines. Plus, you can carry travel documents on it as PDFs, read your favourite Mac magazine - see **http://bit.ly/MFiPad** - or just amuse and educate yourself with movies or video podcasts. We recommend TED talks for bite-sized brain food. And on top of all that you'll get plenty of admiring and quizzical looks from your fellow travellers.

7 Belkin Universal Media Reader

£12 Even if you have enough space on your camera's memory card to take all the photos you want, it's still worth backing them up. A multi-format reader such as this one means you can dump pictures from everyone's cameras onto your laptop.

6
Newquay, Cornwall
7
8
16°
9
10

8 iPhone 3GS

From £FREE The iPhone, it's fair to say, revolutionises the art of travelling. Never mind how connected you are - with email and phone contacts just a tap away - it's also a decent stills and movie camera, and the combination of the 3GS's compass and maps means you'll never be lost again (but watch those roaming charges!). A sat-nav app such as TomTom stores its maps on the iPhone so you don't incur data charges, and it offers walking as well as driving directions.

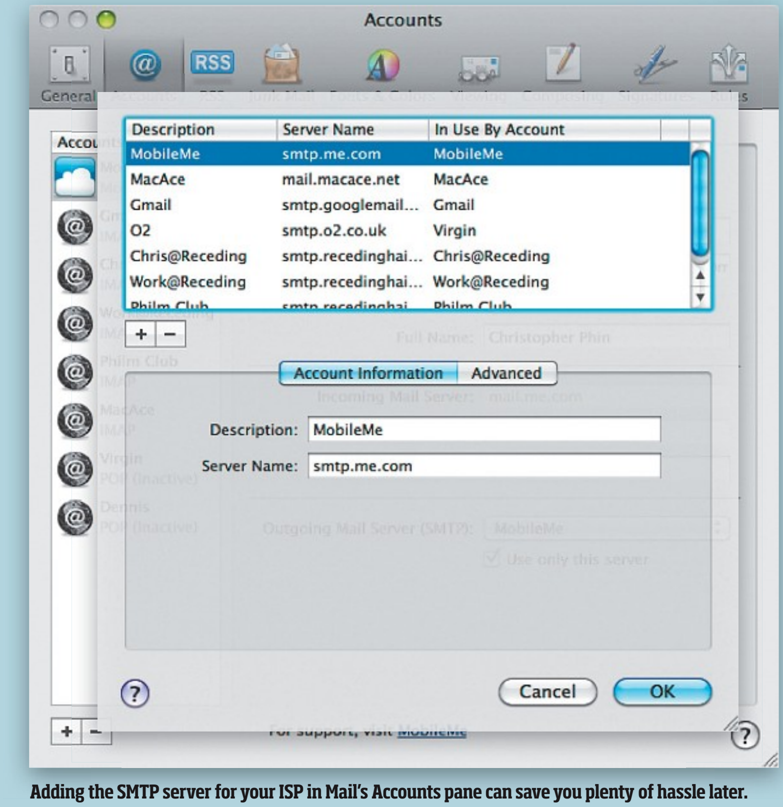
9 Mophie Juice Pack Air

£69 The iPhone is an invaluable travel companion, but its weedy battery can land you in hot water on a long trip. This case has a 1200mAh battery built-in - not quite enough power to double the iPhone's battery life, but not far off - and it only adds a tiny bit of bulk to the iPhone's svelte form.

10 Apple World Travel Adaptor Kit

£30 Apple's power supplies can auto-switch from 100 to 240V so they'll work worldwide - but of course you need the right shape of plug to go into the wall socket. Apple sells a collection of correctly-styled, neat adaptors for North America, Japan, China, the UK, continental Europe, Korea, Australia, and Hong Kong that plug directly into your power brick. »

Connecting to the internet



Description	Server Name	In Use By Account
MobileMe	smtp.me.com	MobileMe
MacAce	mail.macace.net	MacAce
Gmail	smtp.googlemail...	Gmail
O2	smtp.o2.co.uk	Virgin
Chris@Receding	smtp.recedinghai...	Chris@Receding
Work@Receding	smtp.recedinghai...	Work@Receding
Philm Club	smtp.recedinghai...	Philm Club

Description: MobileMe

Server Name: smtp.me.com

Adding the SMTP server for your ISP in Mail's Accounts pane can save you plenty of hassle later.

These days, a connection to the internet is almost essential. Being able to find your way back to your hotel when you're on holiday using your iPhone's *Maps* app is scarcely less important than getting your email when you're away on business. And that's not even thinking about *Twitter*, *Facebook* and keeping up to date with your RSS feeds.

Getting a connection today is generally a simple task, though it can prove expensive. Most iPhone owners in the UK have unlimited mobile data as well as free access to Wi-Fi hotspots from The Cloud and BT Openzone, so if you're travelling domestically you'll be fine unless you're in an area with no mobile coverage. For a fee, you can tether your iPhone to your Mac over Bluetooth or USB to piggyback onto its data connection, or alternatively you could use a mobile broadband dongle that either plugs straight into your USB port, or, working with the MiFi, creates a personal Wi-Fi hotspot.

Be cautious of data (and call) charges if you go abroad, though, as it can quickly get very expensive. You may be able to pre-buy a chunk of cheaper data access beforehand, though carriers tend to be very inflexible. On an iPhone or 3G iPad you can turn off data roaming in Settings to ensure background processes don't sip away at data.

The other option for connecting to the web from your Wi-Fi-equipped mobile device is a Wi-Fi hotspot, perhaps in a hotel or café. Using these hotspots need not be ruinously expensive. Many providers have decently priced roaming agreements, so check with the one you regularly use – The Cloud, BT Openzone, even Starbucks, for example – to see what availability and pricing's like at your destination. You might even be able to use existing hotspot credit. It's worth trying to seek out free hotspots as well – the *JiWire Global WiFi Finder* website can help here, and there's a free iPhone app – though we'd avoid even grabbing regular unencrypted email over an unsecured public network. You'll find that business-friendly hotels charge for Wi-Fi, assuming its customers will be on expenses, while cheaper hotels are increasingly offering it free, so do try to shop around.

> "You may be able to pre-buy a chunk of cheaper data access beforehand"

Even when you connect, though, there are challenges. Services such as *Back to My Mac* and *LogMeIn* can help you control machines at home or in the office over the internet, while *SugarSync* and *Dropbox* can be great ways of getting to important files, but you might have problems even with the basic task of sending email.

If you're travelling on business, you may be able to use a VNC connection to tunnel into your corporate network, but if not, you might be confused by an inability to send emails when you can receive them no problem. This is because the protocols for receiving and sending emails are different. More basic email providers assume you'll use your internet service provider's outgoing (SMTP) mail server, so when you change locations onto a different ISP, the system breaks.

There are two solutions: add the SMTP server for the ISP you're connected to in *Mail*'s Accounts preference pane, or use an email provider that does what's called server-authenticating SMTP. *MobileMe* and *Gmail* both do, and if you get an error in *Mail* sending from another account, you can usually switch to one of your server-authenticating SMTP servers from the drop-down menu, and try again. (It's worth creating a free *Gmail* account just for that!)

Travelling in style!

Wheeled carry-on cases are great for short personal and business trips – no tedious baggage reclaim – so we've picked three that qualify as carry-on luggage with most airlines, with space for both clothes and kit.

❶ Samsonite Pro-DLX 3

£195 This is the smallest of the three bags here, but the one most focused on being a really good case for a laptop. There's still a bit of room for clothes and the like, but you won't be packing for more than one or two overnights. It's well made, and makes it easy to haul out your MacBook at security. It boasts a five-year warranty too.

❷ Knomo Lisbon

£195 Like all of Knomo's bags, this large case oozes luxury and style. Available in black, brown and an eye-watering canary yellow. There are lots of clever pockets, it'll swallow a few days' clothes with care, and most international airlines will happily accept it as cabin luggage.

❸ Victorinox Triomphe

£234 It may look a little conservative, but this case is terrifically innovative. A large chunk of the front unzips to reveal a removable padded laptop satchel that's genius, but too small for anything bigger than Apple's 13-inch MacBook. There's a separate shoe store at the bottom, a concealed pen and tweezers, and, like the Knomo, a tracking ID service to return found bags to you.

Six quick last-minute checks!

Before you check the gas and lock the front door on your way to the airport, here's what you need to do to make sure your travels with your Mac are hassle-free!

#1 Back up!

Back up before you travel. Laptops can be replaced, but photos of your daughter's first birthday can't. Buy an external hard disk, and use either *Time Machine* or *SuperDuper!* to make a complete backup of your precious data.

#2 Sort out the insurance

Make sure your household or business insurance covers your kit when you're travelling, especially if it's abroad. If you're unsure, phone your provider.

#3 Collect travel documents

Gather together all your important travel documents into a single folder for reference. PDF is a good option as it's readable by essentially everyone. Don't expect check-in staff to accept digital documents on an iPhone screen though – paper still rules.

#4 Load up the iPhone!

Ensure you have a fresh selection of new podcasts, audiobooks, movies, *Instapaper'd* articles and more on your iPhone or iPad.

#5 Prep international phone roaming

You may find that your mobile phone provider defaults to disabling international use. Before you travel, ring them up and check there are no blocks on your SIM being used abroad. It's worth asking about foreign call, messaging and data rates too. There may be an option to add an international tariff to your account, which will almost certainly be cheaper than regular billing.

#6 Passport, tickets, money…

Remember the basics! And remember that you can usually withdraw cash in an emergency from an ATM using a Visa or MasterCard credit or debit card. ●

»SUBSCRIBE AND SAVE WITH MACFORMAT AND GET

Subscribe &

Mac FORMAT
All your Apple needs
NEW 2.4GHZ MACBOOK
WHY IT'S TIME TO UPGRADE
Full review p86
Mac iPhone iPad
Issue 223 July 2010
MACFORMAT ESSENTIALS
84 PAGES OF ADVICE!
The UK's no.1 Mac magazine
Photoshop tips & tricks
Make better movie credits
Stepping up to Aperture
THE LATEST KIT REVIEWED
AND MUCH MORE!
MASTER... iPHOTO, iMOVIE, GARAGEBAND AND iWEB
iLife
40 cool features you probably don't use... but should!
TUTORIALS
IN-DEPTH
DISC INSIDE!
Discover Steam
Mac solutions
Art on the iPad
techradar.com
Future

Mac FORMAT
All your Apple needs
20 GREAT MAC, iPOD & iPHONE TIPS AND TRICKS!
84 PAGES OF ADVICE!
Power up iTunes
Games are back!
Secure your Mac
iWork on the iPad
techradar.com

Mac FORMAT
All your Apple needs
iPAD ON TEST
84 PAGES OF ADVICE!
Faster! Smarter! Better!
The top 40 ways to get more done on your Mac
New Adobe CS5
Hack your Mac!
World Cup 2010
techradar.com

»DON'T MISS OUT!

Subscribers to *MacFormat* get access to the Subscriber area of **MacFormat.co.uk**, which contains a PDF version of each issue as it goes on sale, as well as an archive of back issues

OVERSEAS SUBSCRIBERS
Go to page 105 for great subscription savings!

»How to subscribe...

To subscribe to *MacFormat* for just £12.72 every 3 months by Direct Debit and get yourself a cool LA robe Allure Sleeve as your welcome gift, call 0844 848 2852 quoting reference P117 or subscribe online at:

www.myfavouritemagazines.co.uk/mfc/p117

Please use the full web address shown to enjoy this special offer.

Contact centre opening times are: 08.00 to 21.30 weekdays, 08:00 to 16:00 on Saturdays

Terms & Conditions: This offer is open to new UK subscribers paying by direct debit only. Minimum subscription term is 12 months. Your subscription will start with the next available issue. You will receive 13 issues of *MacFormat* a year. Saving based on buying 13 issues of *MacFormat* from newsstand. Details of the Direct Debit guarantee available on request. If at any time during the next 60 days you are dissatisfied in any way, please notify us in writing and we will refund all unmailed items. In the unlikely event of stocks becoming exhausted, we reserve the right to replace with gift of similar value. Offer ends 21st July 2010.

A GREAT WELCOME GIFT!

save 35%

PLUS! Get yourself a 13.3-inch be.ez LA robe Allure Laptop Sleeve.

PROTECT YOUR MAC! with this great laptop sleeve from be.ez!

Ideal for a digital lifestyle, the LA robe Allure has a fashionable design, which also boasts security and storage features. With a sleek black design, the LA robe Allure sleeve is built like a shell and contains 5mm high-density padding for the very best level of protection for all Apple notebooks. be.ez also uses low-resilient polyurethane technology to create a trendy and unique designed inner lip for maximum protection. be.ez sleeves can be used for additional protection within your luggage or on its own, either way it prevents your notebook from the bumps, scratches and knocks of everyday life.

For more information, or to see others in the range, visit www.be-ez.com.

be.ez
www.be-ez.com

40 cool features you probably don't use... but should!

Steve Paris and **Ben Harvell** are here to show you a few handy iLife tricks that you may not have been aware of…

The *iLife* suite has been around for a while now, and *iMovie* and *iPhoto* were even available long before all these programs became part of a single retail package. In fact, they've become such a big part of our interaction with Macs that it's hard to imagine using a computer without them.

But the problem with owning a program for such a long while is that you can get stuck using the same functions over and over again. The *iLife* suite is designed to make life as easy as possible by apparently limiting the number of options available to you. But just because you're constrained doesn't mean it has to be Apple's way or the iWay.

What many basic and intermediate users don't realise is that all of these programs have a lot of hidden features within them, designed to offer more advanced users some powerful tools and useful shortcuts that they can use to improve their workflow. It's not a failing on your part that this isn't immediately obvious – most of these tools are undocumented, which means you'll probably happen across them by chance or discover them via an obscure comment in a forum or web page online.

So to make your life easier, we've gathered together 40 tips you may not be aware of that can help you find new and efficient ways of using all of these *iLife* apps. It could be as simple as using a keyboard shortcut to speed up your workflow in *iPhoto*, or as complex as writing some code yourself in *iWeb*. It's like finding 40 new features you weren't aware you even had, which should keep you going for a while – or at least until the next version of *iLife*.

»

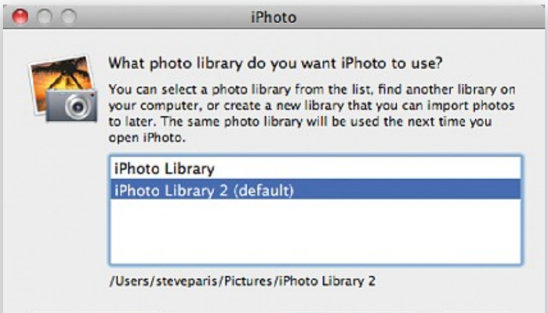
iPhoto

Handy tricks for modifying and storing your pictures

01 Multiple libraries

Digital photography has exploded since the early days of *iPhoto* and you may find yourself needing bigger and bigger drives to store all your pictures. One of the downsides of *iPhoto* is that everything is saved in one location, meaning you can't split your photos up onto multiple drives.

But you can actually do one thing to help you organise yourself better, and that is to create multiple *iPhoto* libraries. Hold down the ⌥ key when you start up the program and you'll find a new window asking you to choose the library you'd like to load. You can also create a new one from there. And best of all, these libraries can be stored anywhere, even on external drives. You could have one library for your family shots, one for work and different libraries for any project you need to work on.



What photo library do you want iPhoto to use?

You can select a photo library from the list, find another library on your computer, or create a new library that you can import photos to later. The same photo library will be used the next time you open iPhoto.

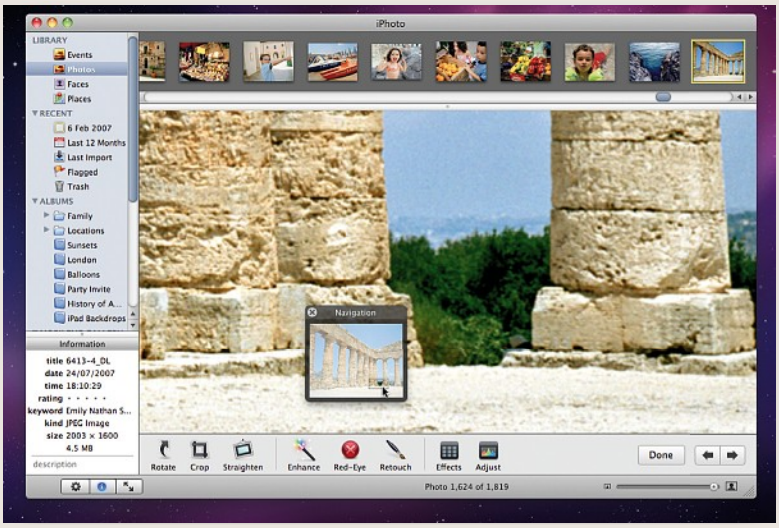
iPhoto Library
iPhoto Library 2 (default)

/Users/steveparis/Pictures/iPhoto Library 2

You can create and access multiple libraries at startup.

02 Adjusting multiple photos

Sometimes you may need to apply identical changes to a great number of photos. If your camera wasn't calibrated properly for instance, or if you didn't change the settings for each environment, every shot you've taken in a day might well need to have the same adjustments applied to them. But manually adjusting each and every one individually would be extremely time consuming – not to mention mind-numbingly tedious. Thankfully, there's a workaround. You still have to adjust at least one image, but once that's done, just click the **Copy** button, on the lower right of the **Adjust** window. Next, select another photo and then click the **Adjust** window's **Paste** button (handily situated right next to **Copy**), for the changes to be applied instantly – saving you a good deal of time and more importantly a lot loss less headache.



title 6413-4_DL
date 24/07/2007
time 18:10:29
rating • • • • •
keyword Emily Nathan S...
kind JPEG Image
size 2003 × 1600
4.5 MB

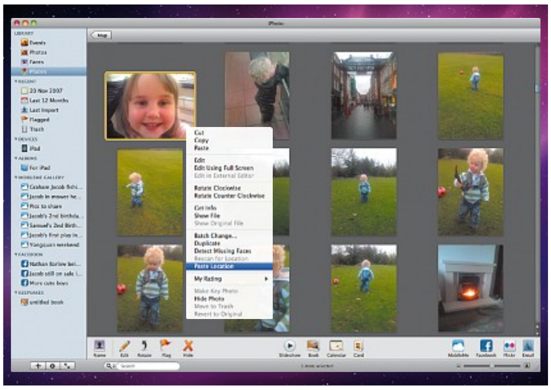
Zooming in and out of your images is as easy as 1, 2, 0. Hitting 1, 2, 0, that is...

03 Zooming into your work

When it comes to editing your images, you may find that doing precise adjustments is difficult because the interface displays the whole image by default with no obvious means of zooming into it. You could of course go full screen (View > Full Screen), but you still can't focus on a specific area unless you use your keyboard. Using the keyboard you have two magnification levels: press 1 or 2 to select them. To go back to seeing the whole image, press 0. When magnified, a small floating window appears showing you which part of the photo you're currently seeing. To move to another, click and drag within that navigation window.

04 Before and after

When tweaking a photo to make it look right, you could get carried away and forget what it looked like originally. Sometimes, seeing the initial state of your photo can help you focus on what else needs to be done, or bring you back in line if you've gone too far and made your image look too artificial. You could click on the **Adjust** window's **Reset** button (lower left) and then hit ⌘+Z to undo that action to switch between the original and current state. That's all well and good, but there's a much easier way to achieve a similar result. Just hold the ⇧ key to see what your original photo looked like, then release it to get back to where you are now. That way you've got a quick and easy method to toggle between how your snap looked like when you took it and its latest modified version.


iPhoto
Cut
Copy
Paste
Edit
Edit Using Full Screen
Rotate Clockwise
Rotate Counter Clockwise
Get Info
Show File
Batch Change...
Duplicate
Detect Missing Faces
Paste Location
My Rating

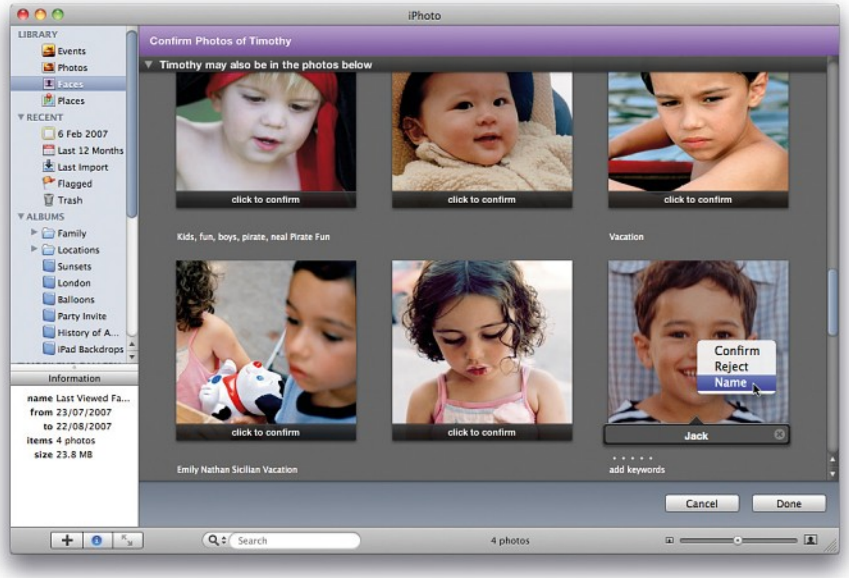
You can copy location details from one photo to another.

05 Confirm or deny

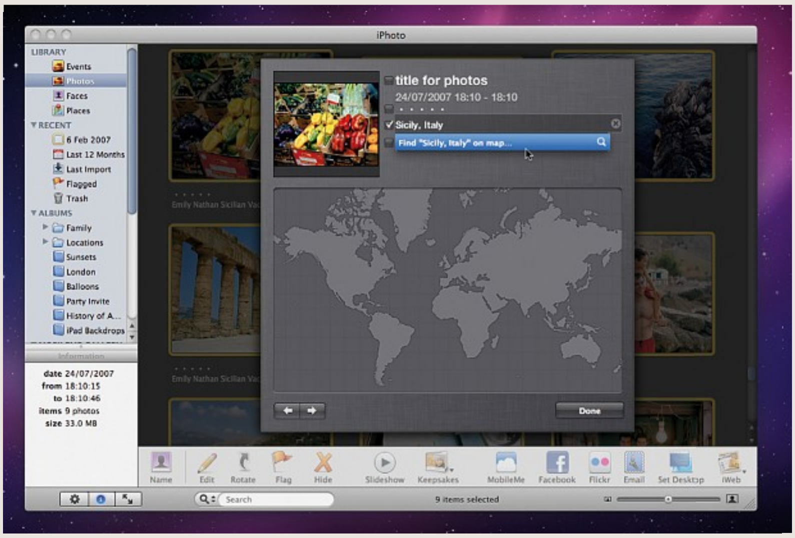
The Faces feature introduced with *iPhoto '08*, is a great way of seeing all the photos you took of a particular person, but setting it up can be a little time consuming. First go to Faces, double-click on a specific person and you'll be presented with a series of photos which *iPhoto* thinks are a match. You then have to click once to confirm or double-click to inform the program that this selection was a mistake. If there are a lot of errors, though, double-clicking them all can be annoying, so try this instead: ⌥-click to reject the image.

06 Redirect the rejection

But what if you recognise the face that you're about to reject as belonging to someone else? Instead of hoping to find it again in that person's series of shots you need to approve, there's another way. ctrl-click on the image and you'll be presented with a contextual menu bearing three commands: Confirm, Reject and Name. Select the last one and start typing that person's actual name. *iPhoto* will even link to your *Address Book* database to help you auto-complete the name, which is fabulously helpful.


iPhoto
Confirm Photos of Timothy
Timothy may also be in the photos below
click to confirm
Kids, fun, boys, pirate, neal Pirate Fun
Vacation
Confirm
Reject
Name
Jack
Emily Nathan Sicilian Vacation
add keywords
Cancel
Done
4 photos

You can name a face from someone else's list and then import all their pictures to your own collection.


iPhoto
title for photos
24/07/2007 18:10 - 18:10
Sicily, Italy
Find "Sicily, Italy" on map...
Done
date 24/07/2007
from 18:10:15
to 18:10:46
items 9 photos
size 33.0 MB
9 items selected

If you don't have a GPS-enabled camera, you can type in the location manually.

07 Pins on the map

Unless you've got one of the latest cameras or you use your iPhone a lot, you may find that the **Places** section is of little use to you. But if you like to see at a glance were you took all your photos, you can add that information manually. You can even apply it to multiple photos at once: select all the ones you wish to work on then click on the 'i' button, to the lower right of any of the selected shots. Now type in the shooting location and all those photos will automatically get the same info.

08 Take your pick

If you mouse over an Event you're able to scroll through all the photos within it. Hit [space] and the image you're currently viewing becomes the one used to display the Event. You can also perform the same action in Faces, so you're not stuck with the first photo you labelled.

09 Copying location

If you find a photo you wish you'd included in a batch, don't despair – you don't have to type anything. Just select an image which already contains the location you want and copy it. Next, ctrl-click on the new photo and select Paste Location from the Contextual menu. Job done.

10 Date and time

What if you hadn't set your camera's time right, or you scanned a few old photos and need them to be placed in the order that you took them? Well, you can easily alter that information: select a shot and go to Photos > Adjust Date and Time. Be aware though that if you select multiple photos, you won't be changing them all to the same date. If you add five months to the first one, it'll also add five months to the others, time-shifting them all. »

iMovie

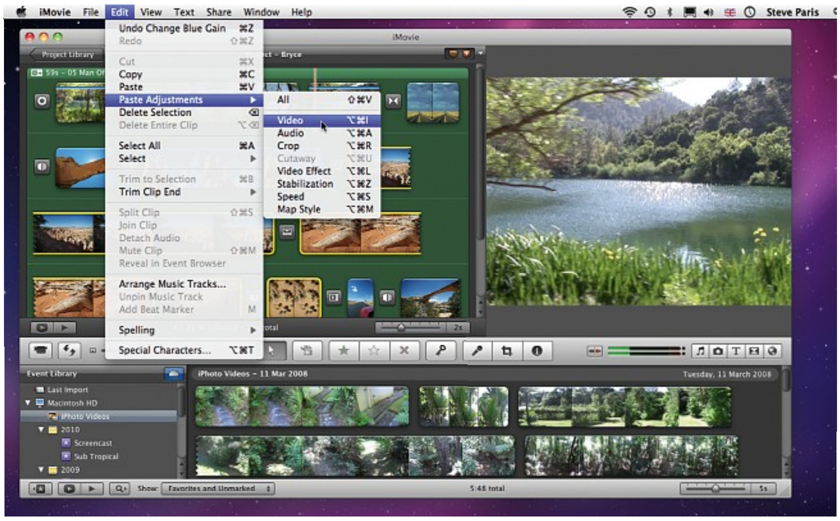
Easier ways to edit, archive and view clips

11 Archiving

The days of FireWire camcorders and recording everything to tape are drawing to a close. Now, everything's on flash memory or hard drives built into cameras. But this begs the question: what to do with all your footage? Importing it into *iMovie* is an option, but it gets converted to a format that takes up a lot more disc space. But there is a way to save your media in its original format: connect your camera and go to *iMovie*'s **Import** window. Bottom left of the interface is an **Archive All** button. Select it and *iMovie* will save the entire content of your camera into a special file. When you're ready to import your clips into an *iMovie* event in the future, just go to File > Import > Camera Archive and select that file.

12 Copying adjustments

When it comes to making adjustments to your footage, you have some very powerful tools at your disposal. But just like with *iPhoto*, having to perform the same changes to multiple clips isn't something many people look forward to. Again, Apple's engineers have come to the rescue. First alter one clip and copy it when you're done. Then select all the clips within the project or event you'd like to change, go to Edit > Paste Adjustments and choose the type of adjustment you'd like to apply. Once done, all your selected clips will have been modified. You can also use keyboard shortcuts to make this job even faster.


iMovie
File
Edit
View
Text
Share
Window
Help
Steve Paris
Undo Change Blue Gain ⌘Z
Redo ⇧⌘Z
Cut ⌘X
Copy ⌘C
Paste ⌘V
Paste Adjustments
Delete Selection
Delete Entire Clip
Select All ⌘A
Select
Trim to Selection ⌘B
Trim Clip End
Split Clip ⇧⌘S
Join Clip
Detach Audio
Mute Clip ⇧⌘M
Reveal in Event Browser
Arrange Music Tracks...
Unpin Music Track
Add Beat Marker M
Spelling
Special Characters... ⌥⌘T
All ⇧⌘V
Video ⌥⌘I
Audio ⌥⌘A
Crop ⌥⌘R
Cutaway ⌥⌘U
Video Effect ⌥⌘L
Stabilization ⌥⌘Z
Speed ⌥⌘S
Map Style ⌥⌘M
Event Library
Last Import
Macintosh HD
iPhoto Videos
2010
Screencast
Sub Tropical
2009
iPhoto Videos – 11 Mar 2008
Tuesday, 11 March 2008
Show: Favorites and Unmarked
5:48 total

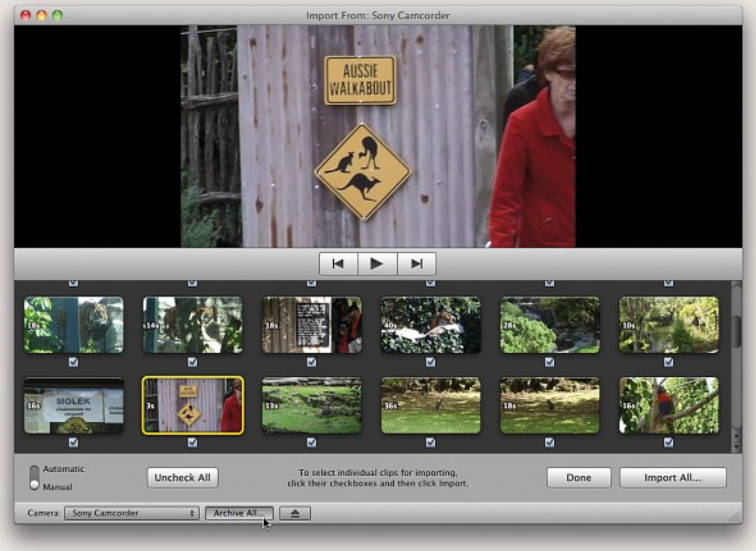
You can copy any effect or adjustment to as many clips as you like in one go.

14 Thumbnail selection

Thankfully, *iMovie '09* brought back the idea of **Themes**, which had mysteriously disappeared from the previous version. They come with unique transitions which often pan over random and not particularly useful static shots from your project. But did you know that you can actually choose which thumbnail images are displayed? To do this, click on the transition to select it. This reveals numbers along your project. Now drag those numbers to a new location to change the thumbnail to whatever you prefer.

13 Transferring data

If you've got a lot of footage stored on your Mac, you may get a little wary of adding more – especially if your disc space is running low. Even though the media you already have may be old, you're still reluctant to delete it. But there is something you can do to free up some space – move any event you have to another hard drive. Don't do this from the *Finder* otherwise you would break the link between them and your projects. Instead, connect your external drive and go to *iMovie*. To the right of the **Event Library** is a small icon representing a hard drive. Click on it to redistribute your events based on the drives they're stored in. You can now ⌘-drag any event you like onto the new drive to move it to its new location, while at the same time preserving its link to any project that uses it.

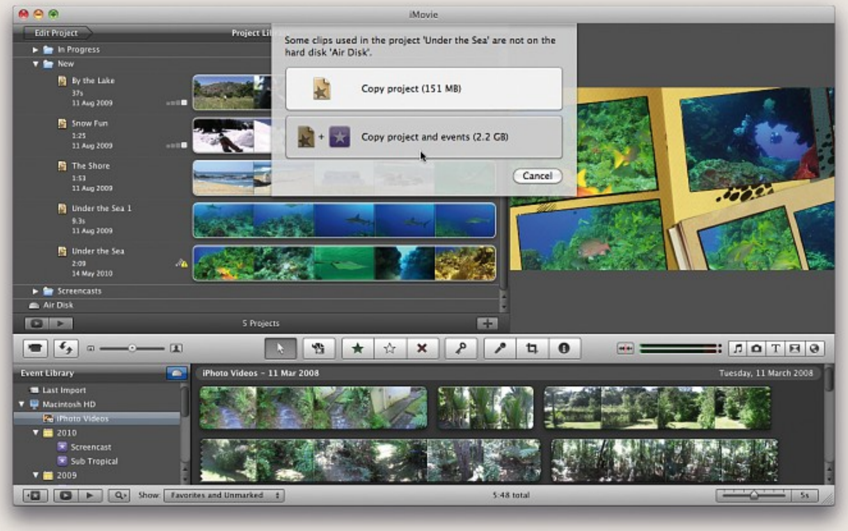

Import From: Sony Camcorder
AUSSIE WALKABOUT
Automatic
Manual
Uncheck All
To select individual clips for importing, click their checkboxes and then click Import.
Done
Import All...
Camera: Sony Camcorder
Archive All...

You can store your footage to another drive to add to iMovie later.

15 Transferring your projects to one place

If you'd like to keep your projects and events together, you can perform the same action with your existing projects. Go to the **Project Library**. With the **Event Library** drive icon still selected, you should see your projects organised by drive. When you move a project, you'll be asked if you'd like to also move the **Events** associated with them, or simply move the project itself. Now all you have to do is simply select your preferred option and the process will happen immediately.

Moving any of your projects to archive on another drive is as simple as dragging and dropping.



Some clips used in the project 'Under the Sea' are not on the hard disk 'Air Disk'.

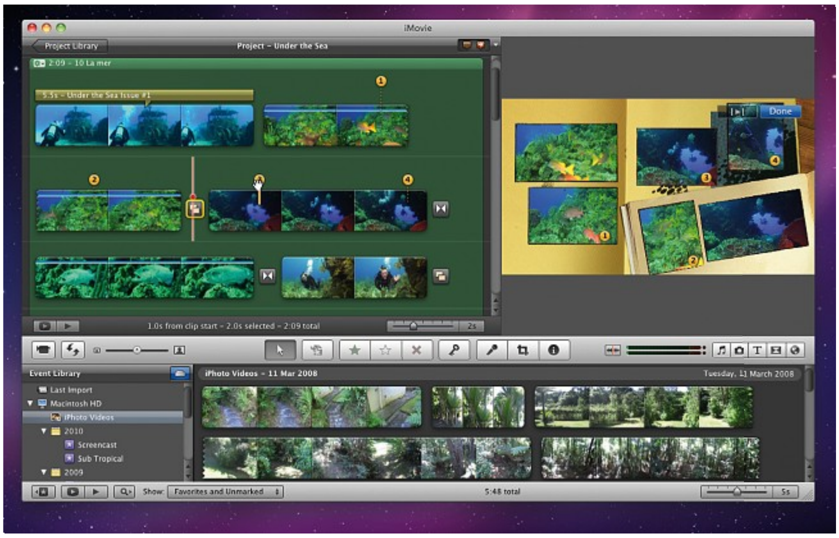
16 Audio control

It's easy to add music to your film. Just drag it from the Music and Sound Effects section onto your project. But sometimes, that track clashes with your clip's audio, making it hard to hear either of them. When that happens, you can reduce the volume of specific tracks. Double-click the track you wish to hear and select the Inspector's Audio tab. Tick the Reduce Volume of Other Tracks To box to instantly lower any other audio that also runs over this particular one. You even have a slider to choose how much of a reduction you want to apply – great for fine tuning.

17 Choose a new font

Select a title in your project and you'll see a Show Fonts button, top-left of the main preview section. Click on it and you'll be presented with a very short list of available fonts, along with only nine colours and nine sizes – but you'll be pleased to know that you're not limited by these choices. Click on that window's System Font Panel button to reveal the regular font window from which you can choose any font, size or colour you'd care to use, adding nicely to the versatility of your finished product.

Themes transitions can be more versatile than they let on. It's well worth having a play around to see what joys they can offer.



18 Font control

With the System Font window open you'll find that you have complete control over your title. You can, for instance, use the Kerning values to bring letters together, and not just for your entire title – you can affect only those that you've selected, leaving the others unaltered. You could do the same with the Baseline controls to raise or lower letters. You could even go as far as choosing a different colour for each letter, or even a different font for each, if you're that way inclined. You're only limited by your own imagination and the boundaries of good taste.

19 Moving Ken Burns

Ken Burns has been part and parcel of *iMovie* since version 3, and it's been a great tool to bring some motion to still images in your project, but did you know that as of *iMovie '09*, you can finally apply this effect to video clips as well? It's a great way to add some motion to a static shot if you'd come to the conclusion that panning across it or zooming in would make it more interesting.

20 Copying titles

Once you've created a unique-looking title with the two tips above, you might be frustrated to realise that you can't Copy the text layer – even when it's selected, that option is greyed out in the Menu Bar. But don't despair, you won't have to re-create your title for every instance you'll be using it. All you have to do is hold down the ⌥ key as you drag your text layer to duplicate it. You can then move your copy to another part of your film, alter the text and you're done. »

GarageBand

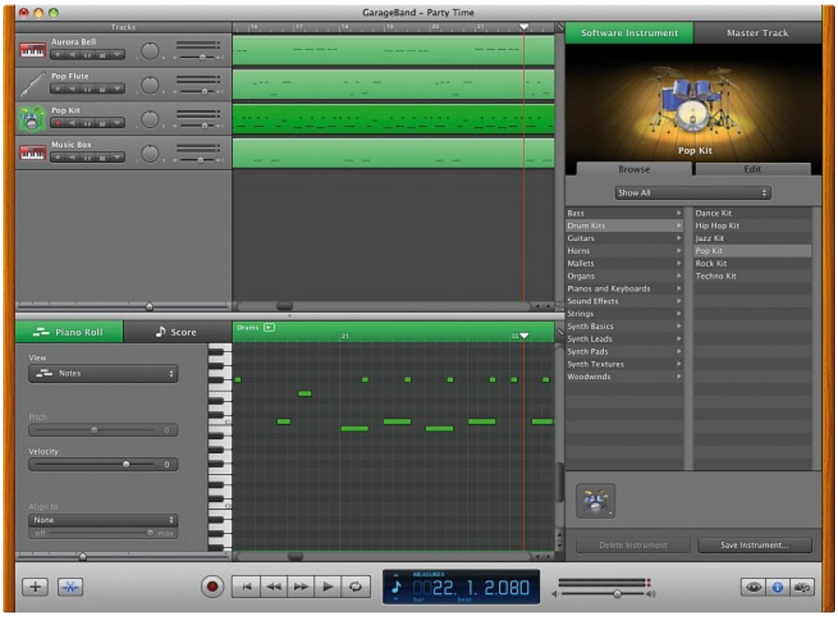
Making your tunes sound just like the real thing

21 Add MIDI files

There are hundreds of resources online where you can download free MIDI files to help with your music creation in *GarageBand*. These files include all the instrument information and notes for any particular song that you might need to recreate in your own style. If you download a MIDI track from the internet and drag it onto an empty *GarageBand* project it will load all of the notes and instruments for that song for you to use as the basis of a new track, or even to use in creating your own remixes of an existing song. You're also free to change any of the loaded instruments as you wish to suit your preferred style or genre, should you want to turn any of Radiohead or Vera Lynn's greatest works into happy hardcore or brass band remakes. Of course, for some MIDI files, copyright may apply, so check your rights before downloading the files and also when publishing your project.

22 Record An iChat podcast

If you want to record an *iChat* conversation as part of an interview or for a podcast, you can do so in *GarageBand* version 5 and above. Start by inviting friends to an audio or video chat via *iChat* (first letting them know you'll be recording). Now launch *GarageBand* and click Record. A message will appear asking if you wish to record the session. Click Yes and *GarageBand* will make a track for each person in your chat or conference. If you're using a video chat, you can choose to show the Podcast Window from the Track menu where a snapshot of each participant will be shown each time they speak.


GarageBand – Party Time
Tracks
Aurora Bell
Pop Flute
Pop Kit
Music Box
Software Instrument
Master Track
Pop Kit
Browse
Edit
Show All
Bass
Drum Kits
Guitars
Horns
Mallets
Organs
Pianos and Keyboards
Sound Effects
Strings
Synth Basics
Synth Leads
Synth Pads
Synth Textures
Woodwinds
Dance Kit
Hip Hop Kit
Jazz Kit
Pop Kit
Rock Kit
Techno Kit
Piano Roll
Score
View
Notes
Pitch
Velocity
Align to
None
Delete Instrument
Save Instrument...
0022. 1. 2.080

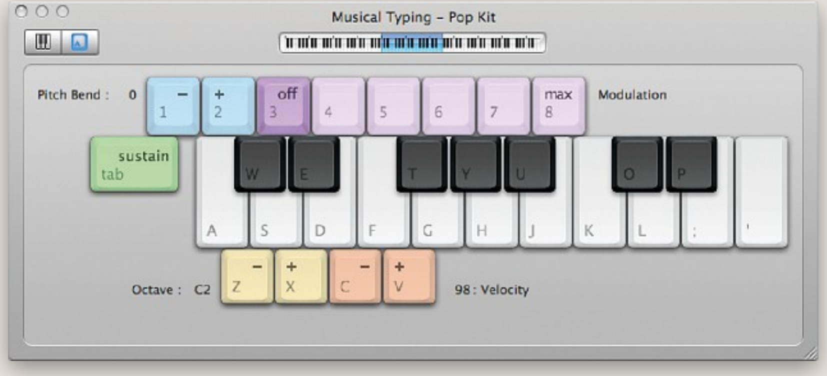
Change the pitch of a group of notes in GarageBand's Piano Roll, or easily shift them up or down an octave.

24 Shift octaves

If you want to adjust the pitch of an entire MIDI track you can do so in a few clicks. Start by double-clicking your MIDI track on the *GarageBand* timeline to show the Piano Roll, which includes all of your MIDI notes. Click within the Piano Roll and press ⌘+A to select your notes. All of your notes will now be highlighted green, denoting that they're selected. Click and drag the first of your notes up or down to adjust their pitch. An octave change will be 12 notes up or down from your original note.

23 Play your keyboard

If you're lucky enough to own a USB keyboard then you won't have problems playing notes into *GarageBand*. If you don't, you have another option beyond simply clicking in the **Piano Roll** with your mouse. Press ⇧+⌘+K to bring up *GarageBand's* **Software Keyboard** which enables you to use your Mac's keyboard as an input device. The keys are lettered so you know where to press, and there are also **Velocity**, **Octave**, **Pitch Bend** and **Modulation** controls available. When using the software keyboard you'll need to manually click the **Record** button as the R key will be assigned to a note.


Musical Typing – Pop Kit
Pitch Bend : 0
– 1
+ 2
off 3
4
5
6
7
max 8
Modulation
sustain tab
W
E
T
Y
U
O
P
A
S
D
F
G
H
J
K
L
;
'
Octave : C2
– Z
+ X
– C
+ V
98 : Velocity

You don't need a USB keyboard to play in GarageBand – try out the software keyboard instead.

25 Note expression

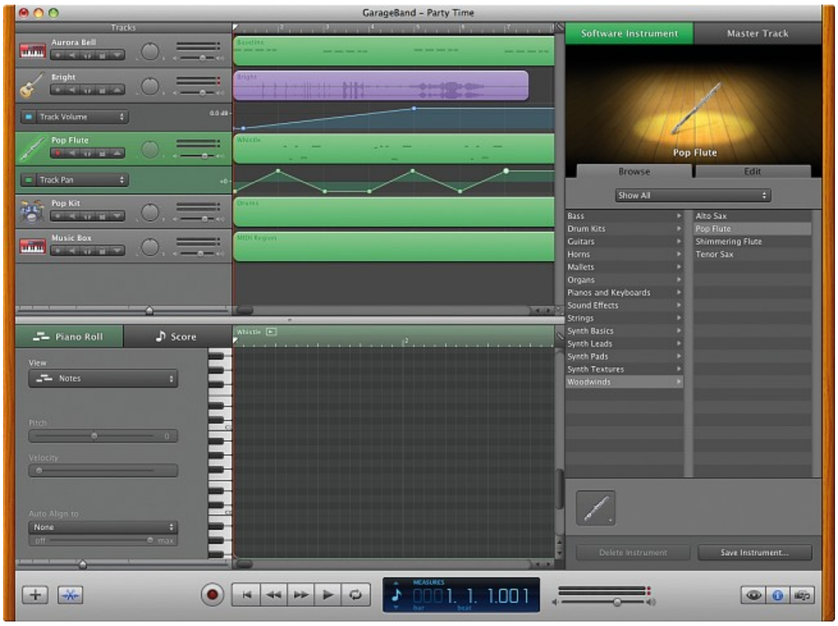
Notes in songs are rarely played in the same way twice unless it's part of some highly programmed dance music. If you're applying your own MIDI notes to your project you'll run this robotic-sounding risk, so make sure you make the most of the **Expression** feature in the **Piano Roll**. Select **Expression** from the **Piano Roll**'s drop-down menu, which can be accessed by double-clicking on any MIDI track. With **Expression** selected, hold the ⌘ key and click on the **Piano Roll** to add points to determine how the expression of a note changes over time. This is especially handy for creating swelling notes for organs and string instruments.

26 Realism and swing

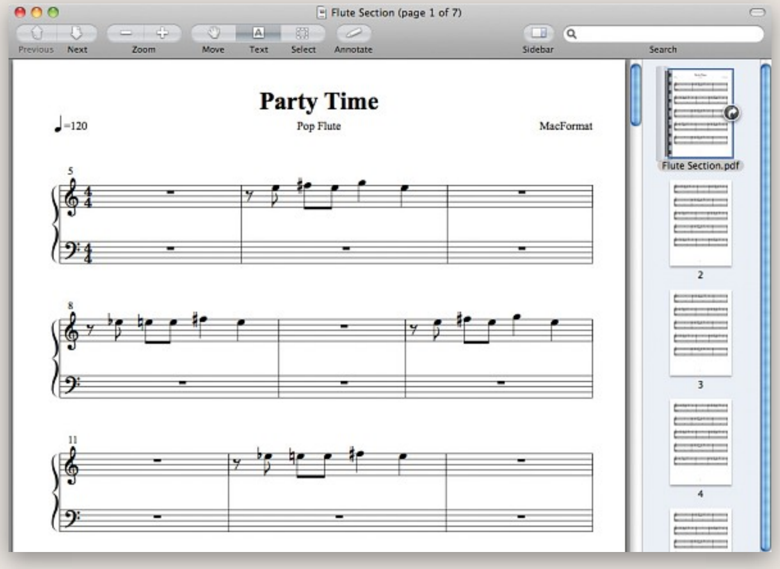
As with **Expression**, real live drummers aren't metronomic and often slip a little out of time. If you listen to a track that has perfect percussion it sounds a little too rigid. If this is the case with your MIDI drum part, try picking a preset from the **Enhance Timing** drop-down menu in the **Piano Roll**. From here you can set a level of **Swing** that pushes some of your notes a little out of time for a more realistic effect. You're also able use the **Enhance Timing** slider to fine-tune the rest of your settings.

27 Automation

To automate changes to an instrument as your song plays, click the downward pointing arrow next to the **Lock** button on any of your tracks to show the **Automation** section. Now select **Track Volume** and **Pan** and add other effects you wish to automate. When selected, you can apply your automation by clicking on the timeline to add control points, which you can drag up or down to create changes over a period of time. This is especially useful for fading tracks in and out using the **Track Volume** automation.


GarageBand – Party Time
Tracks
Aurora Bell
Bright
Track Volume
Pop Flute
Track Pan
Pop Kit
Music Box
Software Instrument
Master Track
Pop Flute
Browse
Edit
Show All
Bass
Drum Kits
Guitars
Horns
Mallets
Organs
Pianos and Keyboards
Sound Effects
Strings
Synth Basics
Synth Leads
Synth Pads
Synth Textures
Woodwinds
Alto Sax
Pop Flute
Shimmering Flute
Tenor Sax
Piano Roll
Score
View
Notes
Pitch
Velocity
Auto Align to
None
Delete Instrument
Save Instrument...
0001. 1. 1.001

Set the volume or pan for a GarageBand track to change throughout your song using the automation controls.


Flute Section (page 1 of 7)
Previous
Next
Zoom
Move
Text
Select
Annotate
Sidebar
Search
Party Time
Pop Flute
MacFormat
♩=120
Flute Section.pdf
2
3
4

Print out parts of your song as sheet music or save them as PDFs to share with others.

28 Export song as sheet music

So you've created your first *GarageBand* song and you want to share it with others. Of course, you can email it around as an MP3 or upload it to the web, but what about your friends who can actually read music? There is another way to share your project from *GarageBand* as long as it's made up of MIDI tracks. Start by opening the project you want to share and select the instrument you want to create sheet music for. From the **File** menu, select **Print**, and that's it! If you want to save the sheet music as a PDF, simply choose the **PDF** option from the **Print** menu.

29 Count in and metronome

If you're having trouble playing along to your track and recording it, give yourself some warning of the start with a count in. Head to the **Control** menu and select **Count In**. Now, every time you click record, there'll be four metronome clicks to prepare you before recording starts. You can also turn on the metronome to help you keep time when recording without a drum track to follow. The metronome can also be turned on from the **Control** menu and plays every time you click the record button.

30 Multitake recording

If you want to perfect a recording from a MIDI or real instrument you can set *GarageBand* to record multiple takes and then choose the best one. Turn on the **Cycle Region** feature, the button to the right of the **Play** button on the **Transport** bar, and you will notice a yellow bar appear above the *GarageBand* timeline. Drag this bar over the area of your track you wish to record onto and click record. You can now record your part as many times as you wish and then select your best take from the recordings. You can select takes by clicking on the number that appears at the top left of your recording on the instrument's track.

»

iWeb

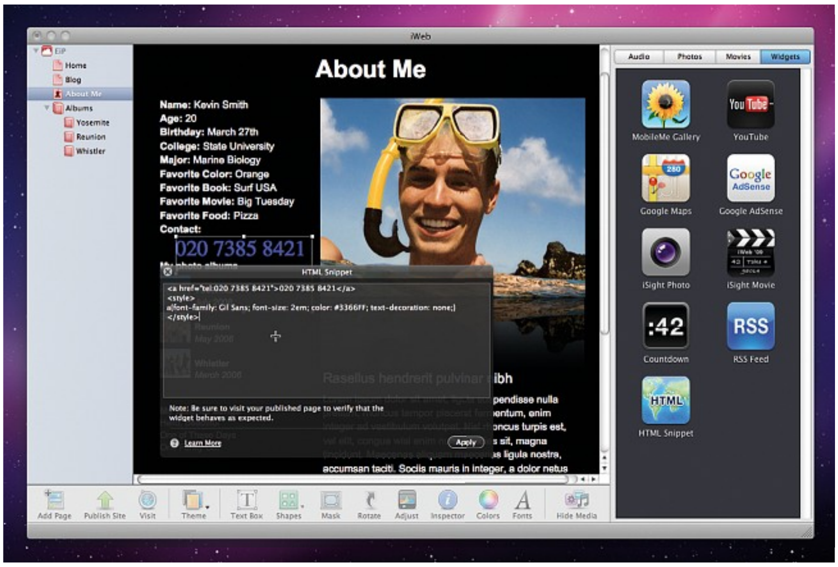
Make your website look better than ever

31 Copying logos

Adding a logo to your pages is a great way to perpetuate your branding across your site, but have you noticed that many websites use their logo to link back to their home page? You can do this yourself very easily. Click on your logo to select it then go to the **Inspector's Link** tab (second from the right), tick the **Enable as Hyperlink** box, choose **One of My Pages** from the **Link To** menu and select **First** from the **Page** menu. If you did this for the first page, you can then copy and paste your logo onto every other page and its position and the link will be preserved.

32 Adding to the footer

By default, every web page you create with *iWeb* has a footer – a place at the bottom of your page that contains any information you'd like. No matter how much data you add in the main body, the footer will always remain at the foot of the page. But moving an existing text box, photo or other object from the main body to the footer appears to be impossible. No matter how much you drag, this action merely extends the main body's size rather than adding it to the footer. To move your selection into the footer area, you have to ⌘-drag rather than simply drag.


iWeb
EIP
Home
Blog
About Me
Albums
Yosemite
Reunion
Whistler
Audio
Photos
Movies
Widgets
MobileMe Gallery
YouTube
Google Maps
Google AdSense
iSight Photo
iSight Movie
Countdown
RSS Feed
HTML Snippet
Add Page
Publish Site
Visit
Theme
Text Box
Shapes
Mask
Rotate
Adjust
Inspector
Colors
Fonts
Hide Media
HTML Snippet
Learn More
Apply

About Me

Name: Kevin Smith
Age: 20
Birthday: March 27th
College: State University
Major: Marine Biology
Favorite Color: Orange
Favorite Book: Surf USA
Favorite Movie: Big Tuesday
Favorite Food: Pizza
Contact:
020 7385 8421

```
<a href="tel:020 7385 8421">020 7385 8421</a>
<style>
a{font-family: Gil Sans; font-size: 2em; color: #3366FF; text-decoration: none;}
</style>
```

Note: Be sure to visit your published page to verify that the widget behaves as expected.

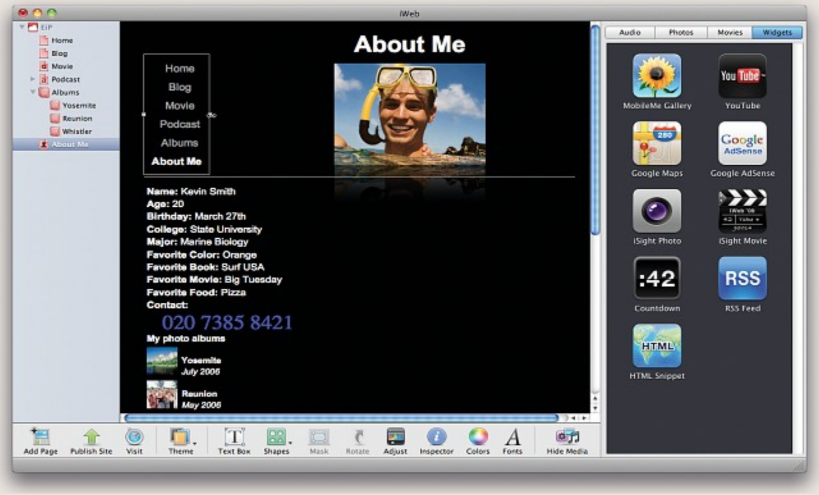
To can customise the look of your HTML snippet text with a single line of code.

33 Removing the footer

But you may have no need for the footer at all and would quite possibly like to remove the **Made on a Mac** logo as well. You can select it and delete it manually, or go to Insert > Button > Made on a Mac instead, but this still leaves you with an empty footer that you could do without. To remove this section from your page, go to the **Inspector** and select its **Page** tab (first on the left). Select the **Layout** section and type 0 in the **Footer Height** field.

34 Resizing your page

You can use the **Inspector** tab to alter the dimensions of your page, especially its width, since most modern


iWeb
EIP
Home
Blog
Movie
Podcast
Albums
Yosemite
Reunion
Whistler
About Me
Audio
Photos
Movies
Widgets
MobileMe Gallery
YouTube
Google Maps
Google AdSense
iSight Photo
iSight Movie
Countdown
RSS Feed
HTML Snippet
Add Page
Publish Site
Visit
Theme
Text Box
Shapes
Mask
Rotate
Adjust
Inspector
Colors
Fonts
Hide Media

About Me

Home
Blog
Movie
Podcast
Albums
About Me

Name: Kevin Smith
Age: 20
Birthday: March 27th
College: State University
Major: Marine Biology
Favorite Color: Orange
Favorite Book: Surf USA
Favorite Movie: Big Tuesday
Favorite Food: Pizza
Contact:
020 7385 8421
My photo albums
Yosemite *July 2006*
Reunion *May 2006*

35 Vertical navigation

If you're going to customise your page, why not change the most obvious part: the navigation menu? If you click on it to select it, you'll find two resize handles – one to the left, the other on the right. Drag either towards the other to alter its dimension. As you do, the menus will start to appear one below the other. You can then move the whole thing to the left or right of your page. As the navigation menu resides in the header section of your page, making it vertical will result in a much bigger header. You can drag items to it from the main body to fill it up using the same method described for the footer section.

Who said navigation menus had to be horizontal?

computers can cope with a width much greater than 700 pixels. You could also resize it to make your site more compatible with the iPhone if you so wished. There's one problem with all this though – it only affects the page that you're currently working on. If you want to change the dimensions for your whole site, it's best to do this at the very start and duplicate the existing setting by ctrl-clicking on it and choosing Duplicate, rather than creating a whole new page every time. This way you don't have to type in all your custom dimensions again.

36 Clickable numbers

Speaking of iPhones, wouldn't it be great if you could tap on your phone number when viewing your page on your mobile device so you could quickly dial it? This involves the use of an HTML Snippet (found in the Widget section of *iWeb*). To drag one to your page, access the Snippet window, and then type in the line of code:

```
<a href="tel:[your number]">[your number]</a>
```

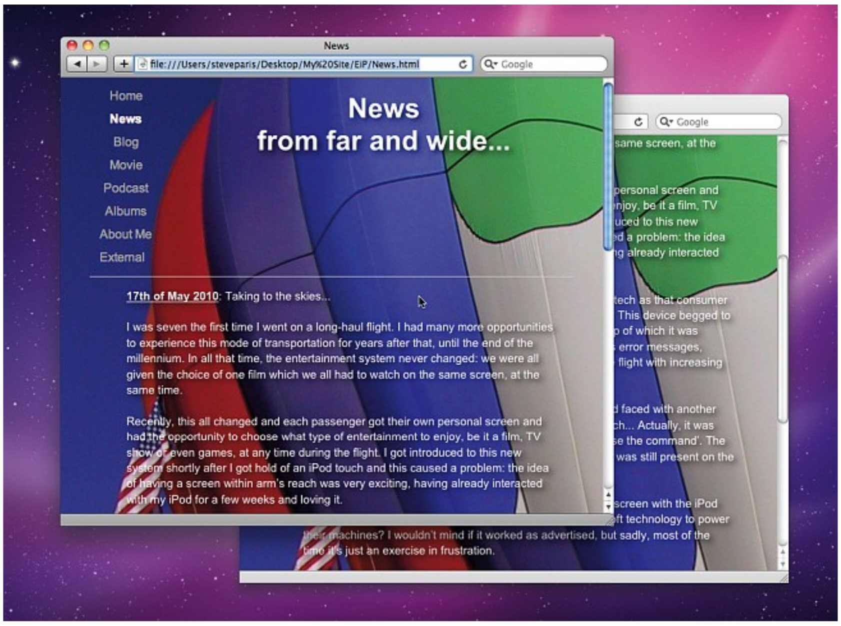
Once you've entered that, click Apply, and your number will be instantly tappable.

37 Customise snippets

When adding text to a Snippet, the style never seems to match the rest of the site. But have no fear, you can change it by adding the following code to it:

```
<style>
a{font-family: Gil Sans; font-size: 1em; color: #3366FF; text-
decoration: none;}
</style>
```

You can of course change the font name, size and colour to any style or colour that you want to match your own preferred style. The colour codes can be found in OS X's Colour Palette window in the Web Safe Colours section.


News
file:///Users/steveparis/Desktop/My%20Site/EiP/News.html
Google
Home
News
Blog
Movie
Podcast
Albums
About Me
External
News
from far and wide...

17th of May 2010: Taking to the skies...

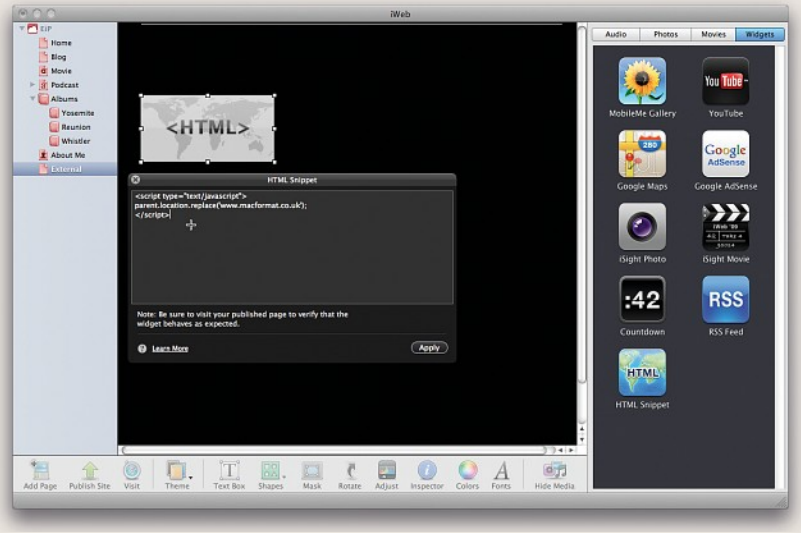
I was seven the first time I went on a long-haul flight. I had many more opportunities to experience this mode of transportation for years after that, until the end of the millennium. In all that time, the entertainment system never changed: we were all given the choice of one film which we all had to watch on the same screen, at the same time.

Recently, this all changed and each passenger got their own personal screen and had the opportunity to choose what type of entertainment to enjoy, be it a film, TV show or even games, at any time during the flight. I got introduced to this new system shortly after I got hold of an iPod touch and this caused a problem: the idea of having a screen within arm's reach was very exciting, having already interacted with my iPod for a few weeks and loving it.

You can stop your background from scrolling with a short visit to TextEdit and anchoring it.

38 Static backgrounds

By default, if you add a background image to your site, it'll scroll down as you scroll down the text. To keep the image static, do the following: go to the **Page Inspector** and add your image to the **Browser Background** section. Next, save your site to a folder on your Mac. Open up the file using *TextEdit* as described in Step 40. Use the **Find** command to locate 'repeat scroll'. Change it to 'repeat fixed' and save the file. Your background will now remain static.


iWeb
EiP
Home
Blog
Movie
Podcast
Albums
Yosemite
Reunion
Whistler
About Me
External
<HTML>
HTML Snippet
Learn More
Apply
Audio
Photos
Movies
Widgets
MobileMe Gallery
YouTube
Google Maps
Google AdSense
iSight Photo
iSight Movie
Countdown
RSS Feed
HTML Snippet
Add Page
Publish Site
Visit
Theme
Text Box
Shapes
Mask
Rotate
Adjust
Inspector
Colors
Fonts
Hide Media

```
<script type="text/javascript">
parent.location.replace('www.macformat.co.uk');
</script>
```

Note: Be sure to visit your published page to verify that the widget behaves as expected.

Use the navigation bar to link to external pages with the help of an HTML Snippet

39 External navigation links

The navigation menu only links to pages within your own site. There's no obvious way to link to an external page – but you can manufacture one. Create a new blank page and give it a relevant name. Next, remove all content from it and drag an HTML Snippet onto it and type in this code:

```
<script type="text/javascript">
parent.location.replace('[The External Webpage URL]');
</script>
```

The page will appear in your navigation menu since it exists in your site, but as soon as you click on it, that code will handily reroute your command to the external web page URL you typed in.

40 Working on the code

If you've got any coding experience, you may wish to get your hands on the HTML code to tweak a few things here and there. You actually don't need a fancy program to do this, as *TextEdit* will do fine. But if you use it to open an HTML page, *TextEdit* will translate and display the content as if it were a web browser, which is not what you want. Instead, open *TextEdit* and go to File > Open. Select a file you wish to view from there, but before you do anything else, make sure the Ignore Rich Text Commands box is ticked. Now open it and you'll see the proper code. ●

Always judge an iPhone by its cover.

MiLi
MiLi
MiLi
9:42 AM
Text
Calendar
Photos
Camera
YouTube
Stocks
Maps
Weather
Clock
Calculator
Notes
Settings
iTunes
App Store
Phone
Mail
Safari
iPod

MiLi®

Works with iPhone

Introducing the World's thinnest all-in-one battery case for iPhone 3G & 3Gs.
Not only can its rechargeable battery almost double your iPhone's life,
its hard shell also protects it - beautifully!

Compatibility: iPhone* 3G, 3Gs
Standby Time: Up to 230 hours
Talk Time: Up to 3.9 hours on 3G
Internet Use: Up to 3.9 hours on 3G
Audio Play: Up to 19 hours
Video Play: Up to 5.4 hours

This and other fantastic gadgets available now visit:
www.powerskin.co.uk
t: 0844 288 0844 e: info@powerskin.co.uk

powerskin

"When iPhoto's limitations start to irk, it's time to go pro"

FIRST OF A THREE-PART GUIDE TO APERTURE P49

Aperture File Edit Photos Stacks Metadata View Window Help
Aperture
Fri 13:57
Inspector Import New Name Keywords Email MobileMe Facebook Flickr
Browser Split View Viewer Faces Places Loupe Full Screen
Library Metadata Adjustments
Presets Adjustments
Quick Fixes
Vitale
Color
White Balance
Black & White
Save as Preset...
Edit Presets...
Cross Process 1
Cross Process 2
Vintage
Toy Camera
Punch
Intensify
Sepia Tone (Low Contrast)
Sepia Tone (High Contrast)
Cyanotype
Recovery
Black Point
Brightness
Enhance
Contrast
Definition
Saturation
Vibrancy
Tint
Highlights & Shadows
Highlights
Shadows
Advanced
Levels
Channel RGB
50%
wildlife

In this issue...

PHOTOS

Use selections in Photoshop 44
Work with raw files in iPhoto 46
Set up to Aperture from iPhoto 49

MOVIES

Load up iMovie with media 54
Use Keynote for iMovie titles 56

MUSIC

Play music without iTunes 58
Record radio broadcasts 60

OFFICE

Use your iPod as a hard drive 62
Get gaming on Steam for Mac 64

SYSTEM

PDF merge and annotate 67
Scan with Preview 68
Use a headset and preamp 70

How to...

● PHOTOS ● MOVIES ● MUSIC ● OFFICE ● SYSTEM

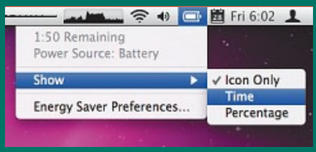
Christopher Phin
Deputy Editor

Over the years, Apple's *iPhoto* has grown into a genuinely brilliant app, capable of dealing with the large raw files created by the new breed of semi-pro digital cameras; see p46.

Yet there comes a time in many Mac users' lives when you need to step up to something a little richer. Happily, not only has Apple developed *Aperture* which, now that it's at Version 3, is a mature and terrifically powerful application, but we're also here to help! In this issue you'll find the first in a series of three tutorials from photography-pro Dave Stevenson on how to progress from *iPhoto* to *Aperture*. By the time you finish all three issues (and remember that you can order back issues on +44 (0)870 837 4773 if you miss one) you too could be a pro photographer!

There's also a ton of other great stuff, including a fantastic tutorial from Craig Grannell on using *Preview* with your scanner, as a possible way of avoiding using the software of dubious quality that may come with your scanner or MFD.

And be sure to check out the fantastic *iMovie* trick from our new writer Ben Harvell on p56; welcome, Ben!


Fri 6:02
1:50 Remaining
Power Source: Battery
Show
✓ Icon Only
Time
Percentage
Energy Saver Preferences...

>> DID YOU KNOW?

The battery icon that shows you how much charge you have left in your laptop might appear a little cryptic, but if you click on it, it will give you a good idea of how much time you have left to get on with your work. Ideal for train journeys!

Use selections in Photoshop

Selections can involve a lot of work, but did you know you can save them?

>> KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: 30 minutes

WHAT YOU'LL NEED: Photoshop or Elements

How often have you created a really tricky selection and wished you could save it in some way to come back to it later – or even just save what you've done so far in order to take a breather?

It's easy to get into the habit of treating selections as tricky and transient things, but both *Photoshop* and *Elements* let you save them whenever you like. It's a feature that's often overlooked, but it can make a huge difference when you're trying to work with a particularly tricky selection, and even more so when you want to carry out a whole series of separate adjustments within the same picture.

It really couldn't be simpler. The **Select** menu in both *Elements* and *Photoshop* has **Save** and **Load** options, and as long as you save your picture in the PSD format, any selections you save will still be there when you re-open the file. It's not just the fact that you can save selections that's significant, but that you can open them, refine them and re-save them too. You can save a relatively crude selection just to start with, then progressively refine it in different sessions if you need to.

You might be used to treating selections as temporary tools which you use once and which are then lost forever, but by saving them in your *Photoshop* files they can become part of your work in progress.

There are many ways to modify selections. You can add or remove areas, **Feather** them to soften their edges, and **Expand** and **Contract** them to get rid of fringes around objects. But you can also combine saved selections using the options displayed in the **Load Selection** dialog to create entirely new selections from the ones you've already generated.

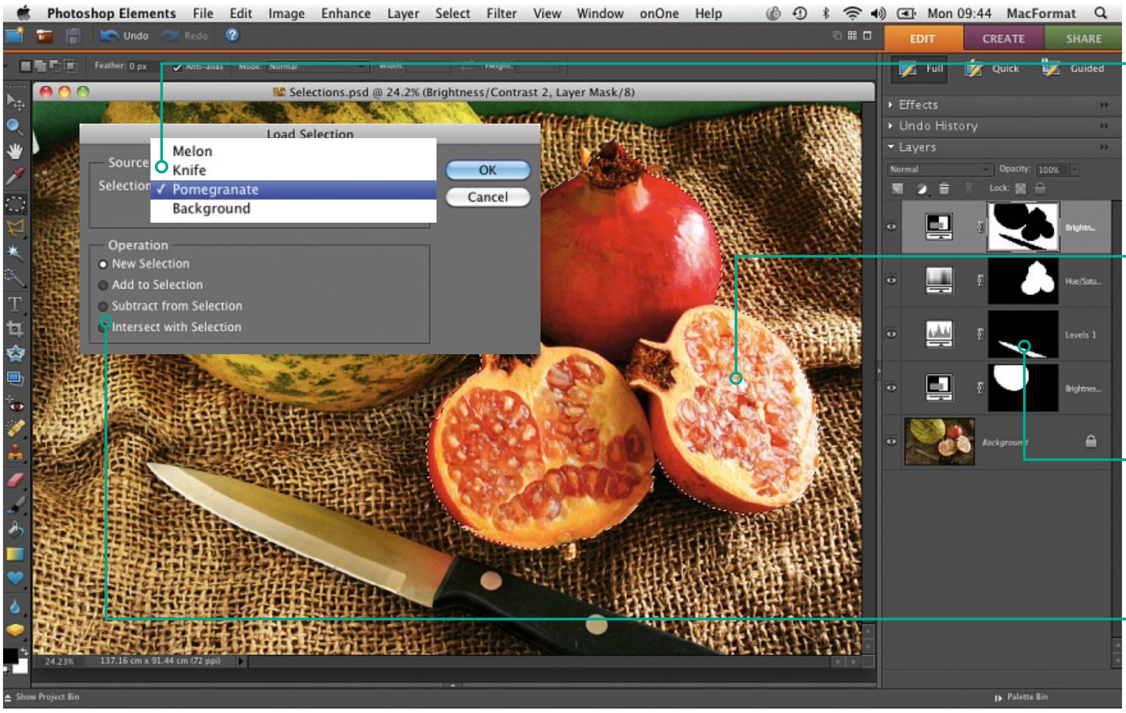
In *Photoshop* there's considerable crossover between selections, channels and masks, and this is also true in *Elements*, though the connections are less obvious. One very useful technique, though, is to load saved selections and, with the selection still active, create an adjustment layer – the selection is automatically turned into a layer mask. You can then edit this mask rather than the original selection (which can be kept safely intact for future use).

> *"Both Photoshop and Elements let you save selections whenever you like – a feature often overlooked"*

To make a mask easier to see and edit, ⌥-click its icon in the **Layers** palette (you can see the result in Step 8). Layer masks are simply greyscale images which you can edit with all the normal tools.

Rod Lawton

>> HOW TO / Know your way around selections


Photoshop Elements
File
Edit
Image
Enhance
Layer
Select
Filter
View
Window
onOne
Help
Mon 09:44
MacFormat
Undo
Redo
Feather: 0 px
Anti-alias
Mode: Normal
Selections.psd @ 24.2% (Brightness/Contrast 2, Layer Mask/8)
EDIT
CREATE
SHARE
Full
Quick
Guided
Effects
Undo History
Layers
Normal
Opacity: 100%
Lock:
Brightn...
Hue/Satu...
Levels 1
Brightnes...
Background
24.23%
137.16 cm x 91.44 cm (72 ppi)
Show Project Bin
Palette Bin

Load Selection

Source

Selection:
Melon
Knife
✓ Pomegranate
Background

OK
Cancel

Operation
● New Selection
○ Add to Selection
○ Subtract from Selection
○ Intersect with Selection

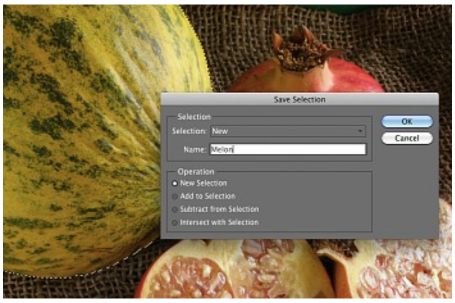
Save/Load
Selections needn't be temporary. You can save them as part of a *Photoshop* file.

Modify selections
Regular saves serve to back up previous states of your selections.

Editing masks
Create adjustment layers with selections to edit the layer mask.

Operations
Selections can be combined for dealing with complex areas.

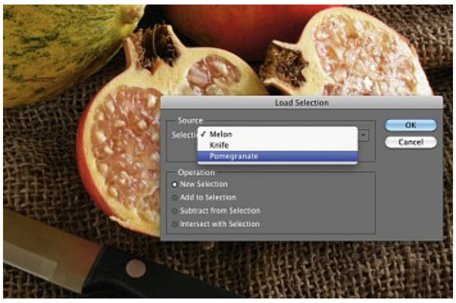
HOW TO / Modify and save selections


Save Selection
Selection
Operation
New Selection
Add to Selection
Subtract from Selection
Intersect with Selection
OK
Cancel

Selection: New
Name: Melon

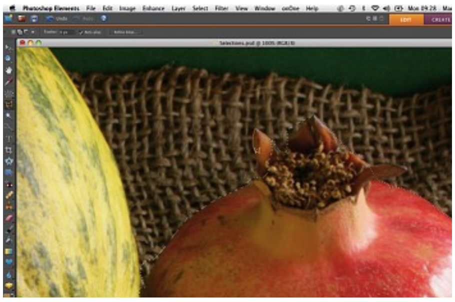
01 Save your selection

Here, we've selected the melon at the top of this still-life picture using the **Magnetic Lasso** tool. Our selection's not perfect, but that doesn't really matter at this stage – the crucial thing is to save it. You do this with the Select > Save Selection menu option. Give it a name.


Load Selection
Source
Selection
✓ Melon
Knife
Pomegranate
Operation
New Selection
Add to Selection
Subtract from Selection
Intersect with Selection
OK
Cancel

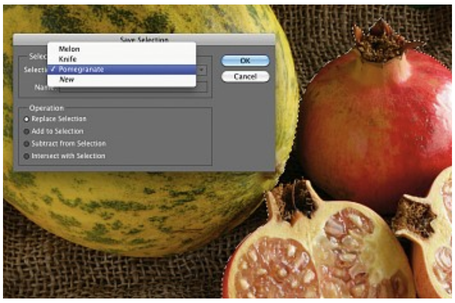
02 Load selections

You can save lots of selections. In our example we've also saved selections for the knife at the bottom of the picture and the pomegranates in the centre. Now we can load any of these selections whenever we like, using the Select > Load Selection command.



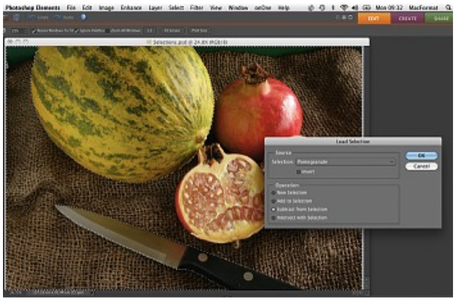
03 Modify selections

Now we can modify selections later on if they haven't quite worked out right. Here, for example, there are bits of a fruit which have been missed out – we can add them back in using the **Polygonal Lasso** tool and hold down the ⇧ key to add to the selection.


Save Selection
Melon
Knife
✓ Pomegranate
New
Operation
Replace Selection
Add to Selection
Subtract from Selection
Intersect with Selection
OK
Cancel

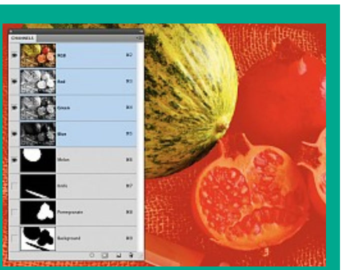
04 Save modified selections

When you've modified a selection you'll want to save it again. Open the **Save Selection** dialog again, but this time pick the existing selection name from the list. The revised selection will overwrite the original (or you could save it as a new selection instead).


Load Selection
Source
Selection: Pomegranate
Invert
Operation
New Selection
Add to Selection
Subtract from Selection
Intersect with Selection
OK
Cancel

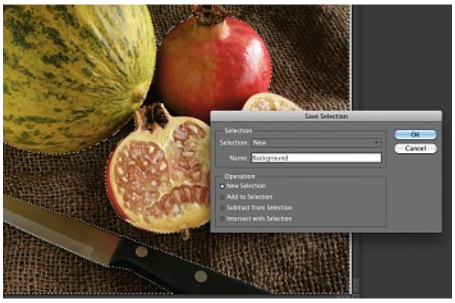
05 New selections from old!

You can use saved selections to create new ones. Here, we want to modify the background, but there's no need to create a selection. We use the **Select All** command, then load our three saved selections, choosing the **Subtract from Selection** option for each.


Channels
RGB
Red
Green
Blue
Melon
Knife
Pomegranate
Background

QUICK TIP

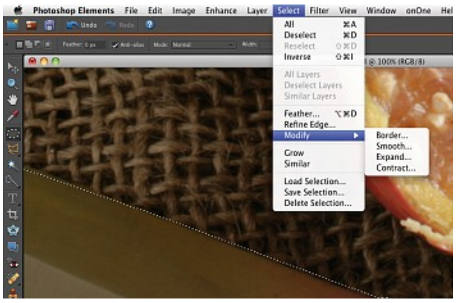
Selections are saved as 'alpha channels' in *Photoshop*. They're not referred to as alpha channels in *Elements*, and you can't see or edit them directly, but you can in *Photoshop*; they're in the **Channels** palette beneath the colour channels.


Save Selection
Selection
Operation
New Selection
Add to Selection
Subtract from Selection
Intersect with Selection
OK
Cancel

Selection: New
Name: Background

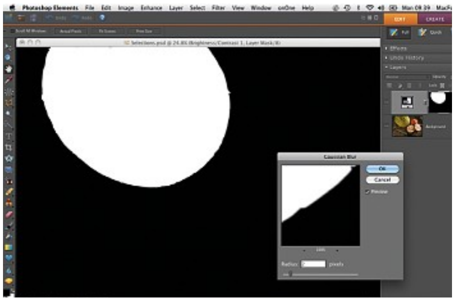
06 Save the background

What we're left with is a selection for the background only. In *Photoshop*, it's often easier to select what you don't want and then invert it, as shown here. Alternatively, you could use the **Subtract from Selection** option to deselect a smaller object within a larger one.


Photoshop Elements
File
Edit
Image
Enhance
Layer
Select
Filter
View
Window
onOne
All ⌘A
Deselect ⌘D
Reselect ⇧⌘D
Inverse ⇧⌘I
All Layers
Deselect Layers
Similar Layers
Feather... ⌥⌘D
Refine Edge...
Modify
Grow
Similar
Load Selection...
Save Selection...
Delete Selection...
Border...
Smooth...
Expand...
Contract...

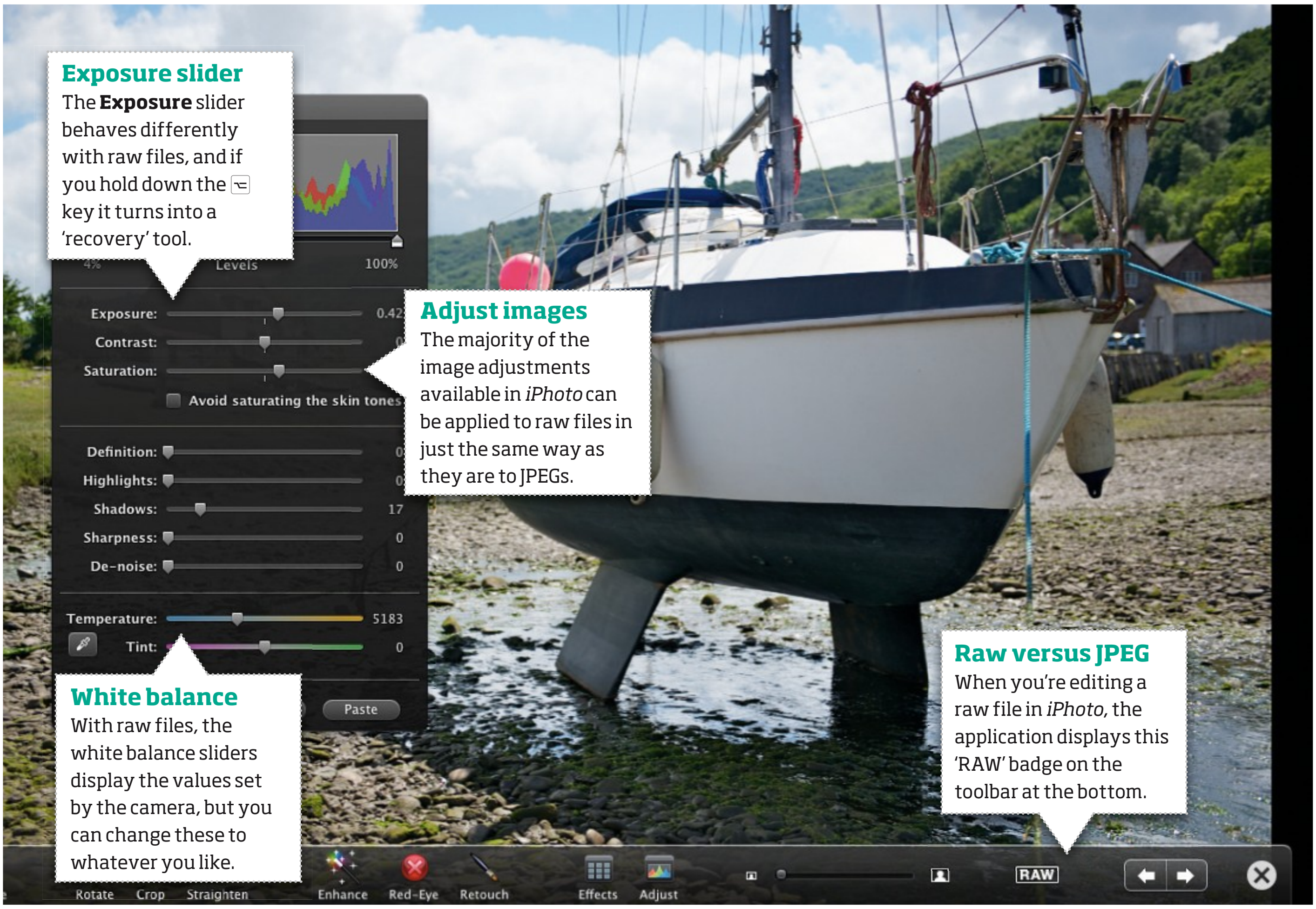
07 Edit selections

Loading, modifying and saving is an effective process of refining selections in a series of steps and saving your work as you go along. You can add to and subtract from selections, but you can also **Expand**, **Contract** and **Feather** them via the **Select** menu.


Gaussian Blur
OK
Cancel
Preview
Radius
pixels

08 Edit masks

Feathering is useful for making a selection's edge less obvious, but if you apply it directly to a selection, there's no undo. Instead, load the selection, then use an adjustment layer to make changes. Then apply a **Gaussian Blur** to the layer mask to apply the feathering effect. ●



Exposure: 0.42
Contrast: 0
Saturation:
Definition: 0
Highlights: 0
Shadows: 17
Sharpness: 0
De-noise: 0
Temperature: 5183
Tint: 0

Exposure slider
The **Exposure** slider behaves differently with raw files, and if you hold down the ⌥ key it turns into a 'recovery' tool.

Adjust images
The majority of the image adjustments available in *iPhoto* can be applied to raw files in just the same way as they are to JPEGs.

White balance
With raw files, the white balance sliders display the values set by the camera, but you can change these to whatever you like.

Raw versus JPEG
When you're editing a raw file in *iPhoto*, the application displays this 'RAW' badge on the toolbar at the bottom.

Work with raw files in iPhoto

iPhoto handles raw files differently to JPEGs. Here's what you need to know...

>> KEY INFO

DIFFICULTY:
Advanced

TIME NEEDED:
30 minutes

WHAT YOU'LL NEED:
iPhoto '09

Raw files are popular with photo enthusiasts and professionals because they capture the data stored by the camera's sensor rather than the 'processed' version you get when you shoot JPEGs. In effect, you're choosing to process the image data on your Mac rather than leaving it to the camera. It takes a little longer, but there are two advantages: 1) you can get a better tonal range and superior quality in general; 2) you can postpone decisions about white balance, saturation and other camera settings, and choose them when you've got the pictures up on-screen.

What *iPhoto* does is treat raw files just the same as JPEGs. You don't have to put them through a conversion process first, which is the traditional way of handling raw files.

Not only that, *iPhoto*'s conversions are pretty good. Raw conversion programs are like old-fashioned film developers – each one gives subtly different results, and experts will argue endlessly over which is best.

iPhoto also enables you to use external raw converters, but here things become less straightforward. It can be done, as our walkthrough demonstrates, but you have to jump through a couple of hoops.

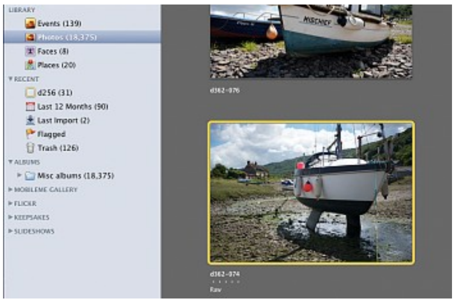
> *"In effect, you choose to process the image data on your Mac rather than leave it to the camera"*

If you send a JPEG to an external editor from *iPhoto*, the edited version replaces the original in your library when you save it. This doesn't work with raw files, presumably because *iPhoto* will only accept a file in the same format it supplied it in – and you can't save raw files as raw files, only as JPEGs or TIFFs.

If you do want to use an external program to convert your raw files, you'll have to add the converted images to your *iPhoto* library manually. In the long run, if you prefer a different raw converter to *iPhoto*, it's probably best to convert the raw files before you import them.

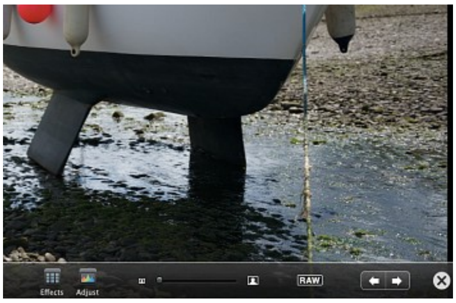
Rod Lawton

HOW TO / Manage your raw files


LIBRARY
Events (139)
Photos (18,375)
Faces (8)
Places (20)
RECENT
d256 (31)
Last 12 Months (90)
Last Import (2)
Flagged
Trash (126)
ALBUMS
Misc albums (18,375)
MOBILEME GALLERY
FLICKR
KEEPSAKES
SLIDESHOWS
d362-076
d362-074
Raw

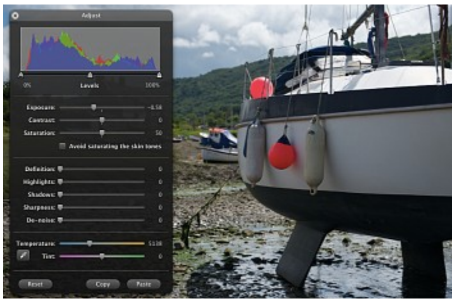
01 Identify raw files

iPhoto doesn't show full filenames, only 'titles'. As a result, there's no way to tell raw files from JPEGs – except that *iPhoto* will tag raw files with the keyword 'Raw' as it imports them. What you need to do, then, is make sure keywords are displayed using the **View** menu.


Effects
Adjust
RAW

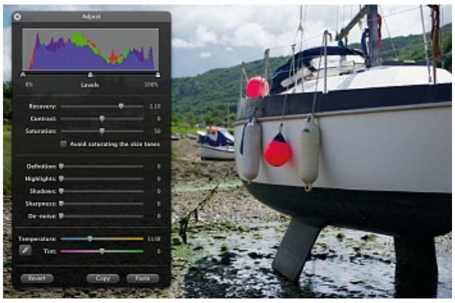
02 Raw badge

The other way to recognise raw files is when they're opened for editing, either in the main window or in full-screen mode. The toolbar along the bottom shows a 'RAW' badge. *iPhoto '09* uses non-destructive editing, so raw files stay 'raw' even after you've made changes.


Adjust
Levels
Exposure
Contrast
Saturation
Avoid saturating the skin tones
Definition
Highlights
Shadows
Sharpness
De-noise
Temperature
Tint
Reset
Copy
Paste

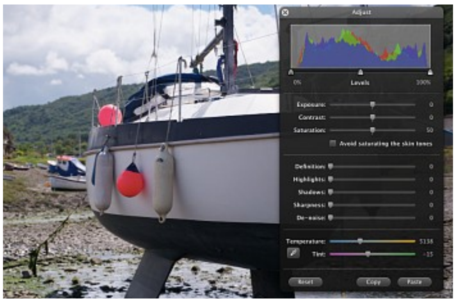
03 Adjust exposure

One of the main advantages of shooting raw files is to recover highlight detail. Here, for example, if you move the **Exposure** slider to the left, the whole histogram moves too. This reveals the 'tail' of the histogram on the right-hand side, which would otherwise be clipped.


Adjust
Levels
Recovery
Contrast
Saturation
Avoid saturating the skin tones
Definition
Highlights
Shadows
Sharpness
De-noise
Temperature
Tint
Revert
Copy
Paste

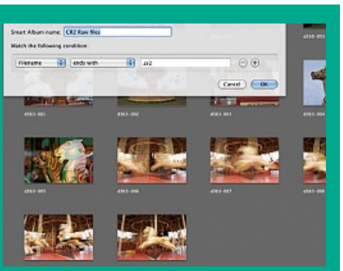
04 Highlight recovery

The problem with this approach is that it darkens the whole image. However, if you hold down the ⌥ key, the **Exposure** slider turns into a **Recovery** slider. Drag this to the right and *iPhoto* recovers the highlights, but without affecting the overall brightness of the picture.


Adjust
Levels
Exposure
Contrast
Saturation
Avoid saturating the skin tones
Definition
Highlights
Shadows
Sharpness
De-noise
Temperature
Tint
Reset
Copy
Paste

05 White balance

When you edit a JPEG, *iPhoto* displays temperature and tint values zeroed at a central value, and you make relative adjustments with the sliders. With raw files, you see the temperature and tint values saved by the camera, and you can modify these directly.



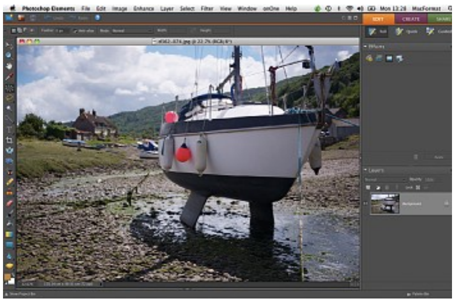
Smart Album name: CR2 Raw files

Match the following condition:

Filename ends with cr2

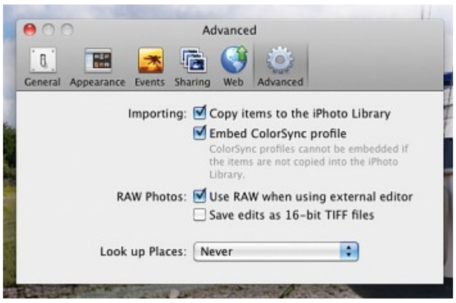
QUICK TIP

If you don't want to rely on *iPhoto*'s 'Raw' keyword to identify raw files, then create a smart album with the condition that the filename must end with the three-letter extension used by your camera, such as CR2 for Canon raw files.



06 External editors

What happens if you want to edit a raw file in an external editor? By default, *iPhoto* will send the application a converted JPEG image – even though it might be a raw file in *iPhoto*, it will open as a JPEG in the external editor. So, are you stuck with *iPhoto* as your raw converter?


Advanced
General
Appearance
Events
Sharing
Web
Advanced

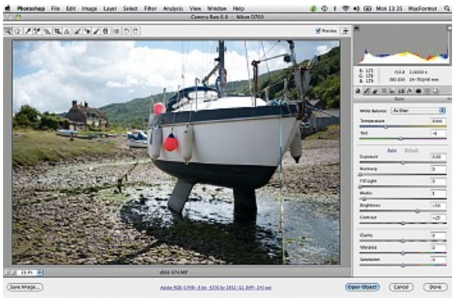
Importing: ☑ Copy items to the iPhoto Library
☑ Embed ColorSync profile
ColorSync profiles cannot be embedded if the items are not copied into the iPhoto Library.

RAW Photos: ☑ Use RAW when using external editor
☐ Save edits as 16-bit TIFF files

Look up Places: Never

07 Adjust preferences

Not quite. You can send raw files to an external app, but you must do two things. First, open *iPhoto*'s **Preferences**, select the **General** tab and choose an external editor with the **Edit** menu. Next, select the **Advanced** tab and check the **Use RAW when using external editor** box.



08 Edit raw files externally

If you follow these two steps, you can convert raw files with an external editor. However, this only works if you use the **Edit** button or the **Edit in External Editor** menu command – you can't just drag the thumbnail from *iPhoto* on to the application icon. ●

Computer Warehouse.co.uk
A SQUARE GROUP COMPANY

0800 08 27753

www.computerwarehouse.co.uk

Meet the new MacBook Pro

Available in 13-, 15-, and 17-inch models. Now featuring faster Intel processors, new next-generation NVIDIA graphics, and a battery that lasts even longer.

Bundle Of The Month! Save £75

AppleCare
Protection Plan

15-inch 2.4GHz Intel Core i5 MacBook Pro
4GB memory / 320GB Hard Drive
AirPort / Bluetooth / SuperDrive
+
Be-ez Notebook Bag
+
Apple Care 3 Year Protection

RRP: £1827.98

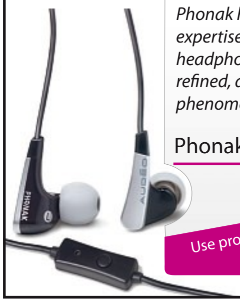
OUR PRICE: £1752.98

All prices are including VAT at 17.5%

Staff Picks

Make sure you look out for the MONEY OFF promo codes! Enter them at checkout to save £££'s!

World renowned Swiss hearing aid company Phonak have used their industry-leading expertise to create an all-round class act headphone "The sound is remarkable: refined, detailed and natural with phenomenal midrange fidelity."



Phonak Audéo PFE with Mic

£129.99

Use promo code: 4c0ceb664eab9 at the checkout to get an extra £30 off!

"The perfect companion for Adobe CS5." The Bamboo Fun combines multi-touch functionality and pen tablet technology. Let your creativity run wild and express yourself naturally.

Wacom Bamboo Fun Medium

£169.99

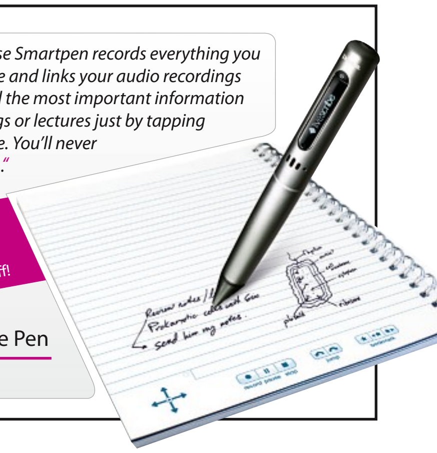
Use promo code: 4c0cec1f8f35d at the checkout to get an extra £10 off Bamboo Fun Medium

The Livescribe Pulse Smartpen records everything you hear, say and write and links your audio recordings to your notes."Find the most important information from your meetings or lectures just by tapping on what you wrote. You'll never miss a word again."

Use promo code: 4c0cec3a0e9a3 at the checkout to get an extra £25 off!

2GB LiveScribe Pen

£129.99



iPad Picks

We've made it our mission to find you the best selection of iPad accessories to protect, hold, charge and clean your new iPad.
FREE SHIPPING AVAILABLE AS STANDARD ON ALL ORDERS!

Griffin A-Frame

Simple, beautiful, rock-solid tabletop stand for iPad.

£39.99

Incipio Feather Case

Inconspicuous first class protection made out of ultra-light, ultra-strong polymer.

£29.99

Cygnett OpticClear Screen Protector

Give your iPad screen the best protection possible. Guards against dust, fingerprints, smudges and scratches.

£19.99

Staff Pick

Incipio Kickstand Case

Allows you to watch your videos while the case holds your iPad. An elegant folding leather design.

£24.99

Staff Pick

QDOS CleanTouch

Screen cleaning kit specially developed for iPad and iPhone.

£19.99

Griffin PowerJolt for iPad

Delivers 2.1 amps of power for fastest possible in-car charging of your iPad, iPhone or iPod.

£16.99

Cygnett Agenda Sleeve

This hardwearing sleeve has a padded interior, keeping your iPad snug and protected on the move.

£24.99

Griffin Elan Passport Case

Flips open to reveal the touch screen display, then closes like a book for privacy and protection.

£34.99

ComputerWarehouse.co.uk is now a Square Group Company. Reg address: 78 New Oxford Street, London, WC1A 1HB 0800 08 27753.
Visit www.computerwarehouse.co.uk

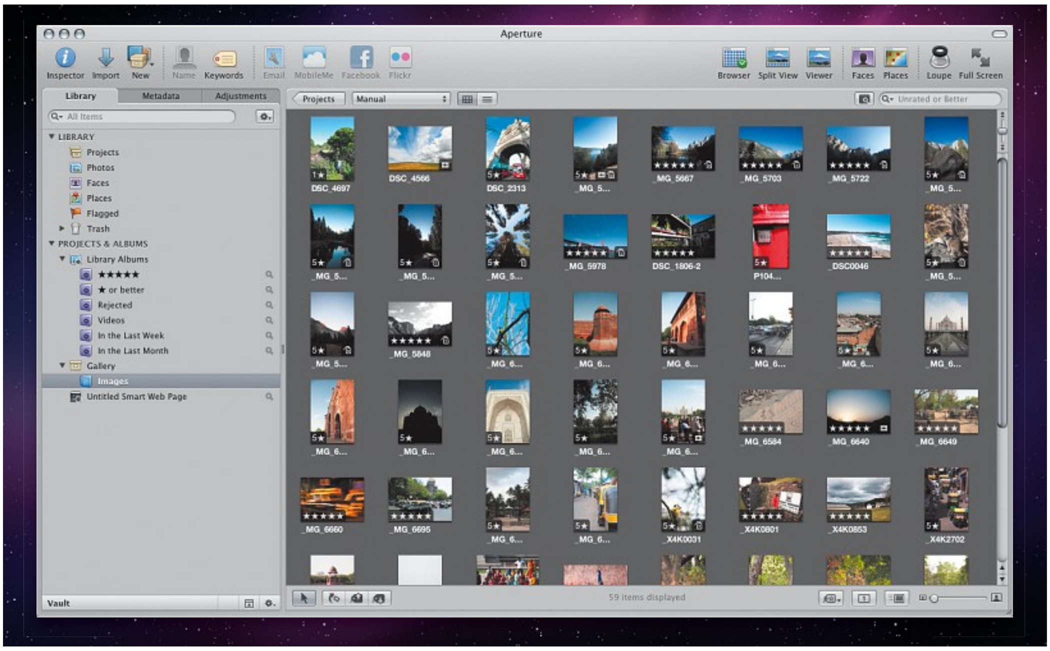
Take your first steps in Apple Aperture

Everything you need to know to organise and edit your photography

NEXT MONTH Part 2: Perfecting slideshows with Aperture

Any keen photographer will already know how perfectly a Mac complements a camera. If you bought your Mac recently, for instance, you have *iPhoto*, a perfectly good photo editor and organiser. But if you've just bought a DSLR, take more than an average number of photos, or have aspirations beyond sharing your pictures with your immediate social circle – selling them, for instance – you need a tool that offers you a professional workflow.

Simply put, a workflow is a step-by-step process. In the case of photography, a good workflow application will take your pictures from your camera's memory card, organise them into libraries, tag them, rate them, process them, then output them, either for print or sharing online. Using multiple applications to do these jobs isn't ideal, and that's where Apple's powerhouse photography app comes in.


Aperture
Inspector
Import
New
Name
Keywords
Email
MobileMe
Facebook
Flickr
Browser
Split View
Viewer
Faces
Places
Loupe
Full Screen
Library
Metadata
Adjustments
All Items
LIBRARY
Projects
Photos
Faces
Places
Flagged
Trash
PROJECTS & ALBUMS
Library Albums
★★★★★
★ or better
Rejected
Videos
In the Last Week
In the Last Month
Gallery
Images
Untitled Smart Web Page
Vault
Projects
Manual
Unrated or Better
59 items displayed

Once you know how, Aperture can take your amateur photography to professional status in a matter of moments.

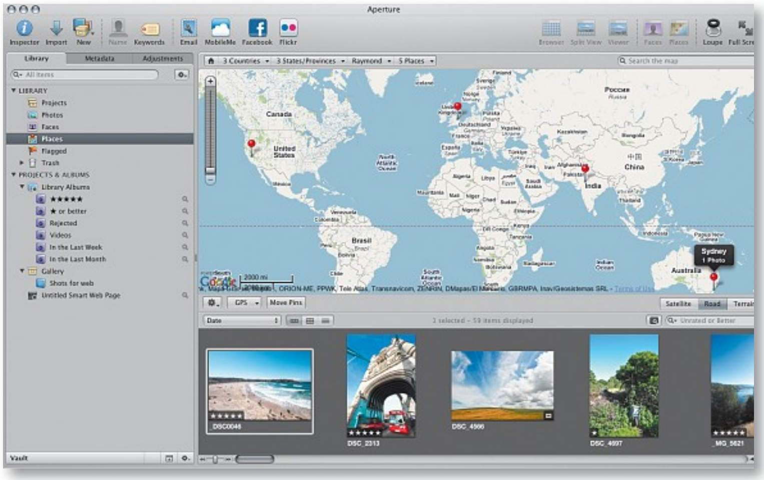
Double vision

Aperture is split into two main areas. On the right-hand side is a preview of the image you're working on, or a grid-style thumbnail view of your current project. It's possible to have it both ways as well, showing a strip of thumbnails at the bottom and a larger image preview at the top. All the power is hidden in the tabbed toolbar on the left. By default, this opens to **Library**, the hub from which you sort your shots into bespoke albums, projects, and automatic collections – for instance, if you rate your photos as you import them you can see all your three-star shots at a click. The middle tab enables you to review the metadata attached to your shots, while the final tab, **Adjustments**, is the most powerful.

> *"Aperture is familiar enough that certain features will fall to hand quickly, such as importing images"*

Up one from iPhoto

Aperture 3 is the next logical next step up from *iPhoto*. It is familiar enough that certain features will fall to hand quickly, such as importing images, for instance, or keeping track of your library. What was **Events** in *iPhoto* becomes **Projects** in *Aperture*. Certain consumer-friendly features have bridged the gap as well: if your camera captures GPS data, you can add your images to a map. **Faces** has also made it into *Aperture*, allowing you to automatically tag your photographic subjects as they're added to your library. »


Aperture
Library
Metadata
Adjustments
LIBRARY
Projects
Photos
Faces
Places
Flagged
Trash
PROJECTS & ALBUMS
Library Albums
★★★★★
★ or better
Rejected
Videos
In the Last Week
In the Last Month
Gallery
Shots for web
Untitled Smart Web Page
3 Countries
3 States/Provinces
Raymond
5 Places
Canada
United States
Brasil
China
India
Australia
Sydney
1 Photo
GPS
Move Pins
Satellite
Road
Terrain
Date
1 selected - 59 items displayed
Unrated or Better
DSC0048
DSC 2313
DSC 4566
DSC 4697
MG 5621
Vault

A major update to Aperture 3 sees Places added to its already fantastic list of features.

Aperture 3
Aperture 3
Taking photos. Further.

» QUICK TIP

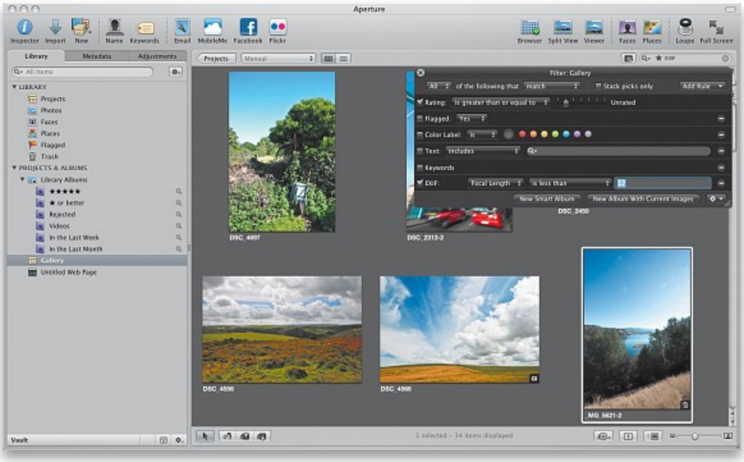
Aperture 3 is great value at £169 (£79 if you already own versions 1 or 2), but if you prefer you can try it out free for a month. Go to **www.apple.com/uk/aperture**.

>>QUICK TIP

Using *Aperture* in fullscreen mode makes perfect sense. There are no distractions, and you can view more of your image at once. Pressing F to go fullscreen works no matter which mode you're in – press V to cycle through the view options once you're there. Pressing H produces a floating version of the left-hand toolbar.

But the technology underpinning *Aperture's* library is far more grown-up than *iPhoto's*. If you duplicate a photo in *iPhoto*, for instance, that's exactly what happens – the original file is copied exactly. This leaves you with half as much disk space, and twice as many files to keep track of. If you want to do that in *Aperture* – say you want to have colour and monochrome versions of the same image – the image is only copied in your library, leaving the original file well alone.

It's also easier to search your images by metadata. For instance, if you wanted to find images with a narrow depth of field in *iPhoto* you'd have to tag them as such. In *Aperture* you can narrow down your search with a custom filter, pulling out all your images taken with a large aperture. You can even turn your custom filter into a smart album, automatically pulling in all your images that fit the criteria, for easy recall later.


Aperture
Inspector
Import
New
Name
Keywords
Email
MobileMe
Facebook
Flickr
Browser
Split View
Viewer
Faces
Places
Loupe
Full Screen
Library
Metadata
Adjustments
Projects
Filter: Gallery
Stack picks only
Rating:
Flagged:
Color Label:
Text:
Keywords
EXIF:
New Smart Album
New Album With Current Images
LIBRARY
Projects
Photos
Faces
Places
Flagged
Trash
PROJECTS & ALBUMS
Library Albums
Rejected
Videos
In the Last Week
In the Last Month
Gallery
Untitled Web Page
DSC_4897
DSC_2313-2
DSC_2450
DSC_4596
DSC_4566
IMG_5621-2

Aperture gives users incredible scope to organise and fine-tune their images.

Close to the edit

So there's plenty of improvement as far as *Aperture's* library features are concerned. But the reason you'll fall in love with the software is when it comes to editing your shots. *iPhoto* has always been underpowered for serious photographers. Sure, there are adjustments available – you can adjust the brightness levels in your shots, for instance, and change the white balance, but by and large, it's imprecise. For instance, you can't adjust the curves in *iPhoto's* library (see the box below). Or, if you want to apply a change on only one part of an image, you'd need to reach for another app such as *Photoshop* to make per-pixel changes.

Aperture offers a hugely increased amount of power. Click on Adjustments and you'll be greeted by an initially overwhelming host of tools. If you're okay with technical imaging terms – curves, vignettes and levels, for instance – things are fairly self-explanatory. For everyone else, we urge experimentation. Move one of the horizontal sliders and the changes are made to your image in real time.

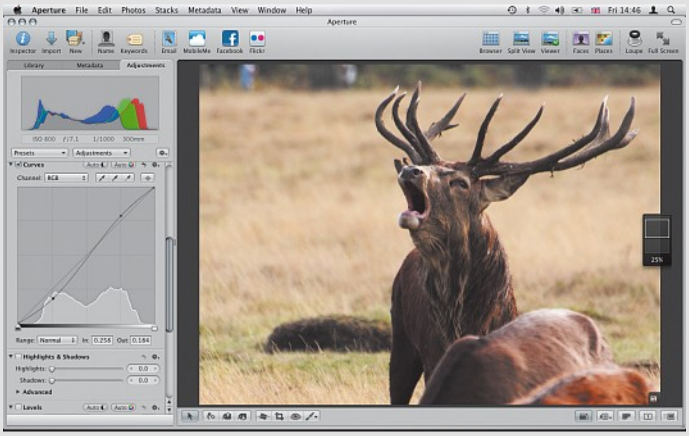
> *"Turn your custom filter into a smart album, pulling in your images that fit the criteria, for easy recall later..."*

For those still learning the ropes, the kind of overall stylistic changes you can make in *iPhoto* via the Effects command are still present. In *Aperture*, Effects are called Presets, a drop-down box in the Adjustments tab that offers a number of single-click changes. Some of these are simple, such as quickly increasing or decreasing an image's exposure by a certain amount, or adjusting white balance by setting which conditions a photo was taken in – cloudy or sunny, for instance. Others are more complex, such as those under the Color option. For instance, you can select the Toy Camera setting, which gives your photo an over-saturated, vignetted effect similar to that from a Lomographic camera. Usefully, when

>> HOW TO / Add punch to your images the professional way

DSLR cameras don't process an image once it's captured; it leaves you to do the legwork when you're processing it. Adding punch to an image is simple. With an image selected, press W to cycle through the tabs on the left-hand toolbar until the **Adjustments** panel is selected. Click the **Adjustments** drop-down box and choose **Curves**. This produces a box with a diagonal line through it. By clicking on the line and turning it into a curve, you're changing the brightness values of individual pixels. Drag the line upwards and you'll make pixels brighter, while downwards darkens them. A rule of thumb is to turn the diagonal line into an 'S' shape. This makes dark colours darker and light colours lighter, for a more vibrant image. If you're working with a RAW file you might also find the edited version of your file is actually more true to life than the original.

Since adjusting the image curves is something you're likely to do on almost all of your images, it makes sense to save this as an editing preset. To do this, simply click the **Presets** dropdown box and select **Save as Preset...** at the bottom.


Aperture
File
Edit
Photos
Stacks
Metadata
View
Window
Help
Fri 14:46
Inspector
Import
New
Name
Keywords
Email
MobileMe
Facebook
Flickr
Browser
Split View
Viewer
Faces
Places
Loupe
Full Screen
Library
Metadata
Adjustments
Presets
Curves
Channel: RGB
Range: Normal
Highlights & Shadows
Highlights:
Shadows:
Advanced
Levels
25%

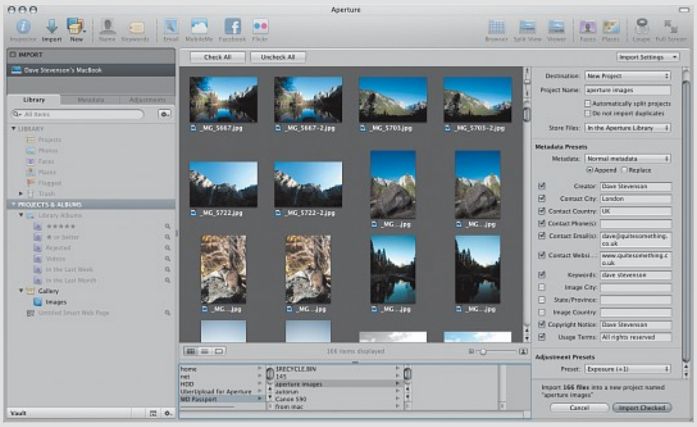
If you adjust colour saturation in Aperture you can give your images more vibrancy.

HOW TO / Stay on top of your library

Over the course of time, it's likely your *Aperture* library will become extremely large. The number of images stored shouldn't cause a performance problem, but it might cause an organisational one. *Aperture* offers some powerful tools in terms of automatically organising images into albums by keyword. But it's important to note you don't have to laboriously go through all of your images once they're imported and add keyword – just imagine getting back from a trip with a few thousand images and having to copy and paste keywords!

To import images to *Aperture*, go to File > Import > Files… The initial dialogue box gives you a preview of the images you're importing, but there's a huge amount of power hidden in the drop-down box marked **Import Settings** at the top. For instance, click it and select **Metadata Presets**. From here, you can enter a number of keywords that will be applied to every image you import, making tracking your shots later easy. Or, if you click the **Metadata** box and select **Edit…** you can create a metadata template with your contact and copyright details on it, and automatically add this to every image you import.

If you wish, you can also pre-edit your images. For instance, if you know that every image you import will have its curves adjusted, you can create a curves preset (see the box on the page opposite for more information), then select **Adjustment Presets** on the import screen, and choose a preset to apply to all your files.



Destination: New Project
Project Name: aperture images
☐ Automatically split projects
☐ Do not import duplicates
Store Files: In the Aperture Library

Metadata Presets
Metadata: Normal metadata
● Append ○ Replace
☑ Creator: Dave Stevenson
☑ Contact City: London
☑ Contact Country: UK
☑ Contact Phone(s):
☑ Contact Email(s): dave@quitesomething.co.uk
☑ Contact Websi…: www.quitesomething.co.uk
☑ Keywords: dave stevenson
☐ Image City:
☐ State/Province:
☐ Image Country:
☑ Copyright Notice: Dave Stevenson
☑ Usage Terms: All rights reserved

Adjustment Presets
Preset: Exposure (+1)

Import 166 files into a new project named "aperture images"

Metadata holds key information about your images, to help you get organised.

your mouse pointer hovers over any of the preset names, a window pops up with a preview of your shot with the preset applied.

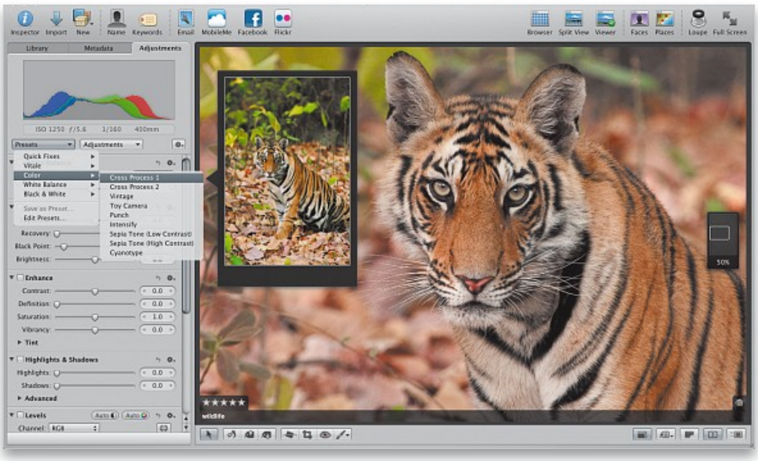
Easy to preset

It's not just that there are more presets under *Aperture* – they're more flexible as well. For instance, if you have a favourite preset that you've changed slightly, you can choose Save as Preset…, enabling you to quickly return to it later. There's also a burgeoning market of *Aperture* presets – head to http://bit.ly/clQWga to get started, or simply enter 'Aperture presets' into a search engine to reveal a healthy selection of free and paid-for effects.

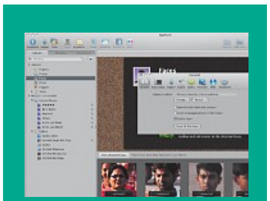
Aperture also gives you a great deal of control over exactly which parts of the image you want to change. Select the Adjustments tab, then click the drop-down Adjustments button, then Quick Brushes. Let's say, for instance, that you have a landscape image in need of a darker, more detailed sky. You could underexpose the entire image, but then you lose the bottom half to shadow. By choosing the Burn tool, you're given a *Photoshop*-style brush that you can click and drag across your image, darkening only the parts you choose. The brush tool can do other important jobs as well, such as sharpening part of an image, or changing its contrast. Learning how to use *Aperture's* brushes effectively will greatly increase the number of jobs you can do. For instance, if you want to change only the dark bits of an area of mixed brightness, you can select the options button on the brushes tool panel and select Shadows under Brush Range. Choosing an overlay (the red part in the screenshot) is also helpful, as it masks the area of the image affected by your brush. It's a useful thing to have turned on if you're making a minor change to your image but still need to know exactly what you've altered. A final note is that brushes can have Edge Detection turned on. This is very much a 'what it says on the tin' tool. If you're adding a brush stroke along an edge, *Aperture* will detect it and prevent you – largely – from drawing over the lines.

> *"Overlay is useful if you're making a minor change to your image but still need to know what you've altered"*

A final reason for prolific photographers – or aspiring professionals – to make the move to *Aperture* is the myriad ways you can share your images. Like *iPhoto*, you get one-button uploads to Flickr, Facebook and MobileMe, but the options for sharing your work online go far beyond *iPhoto's* handful of options. For instance, if you have a hosted account somewhere you can put together a quick web gallery – perfect if you've recently finished a



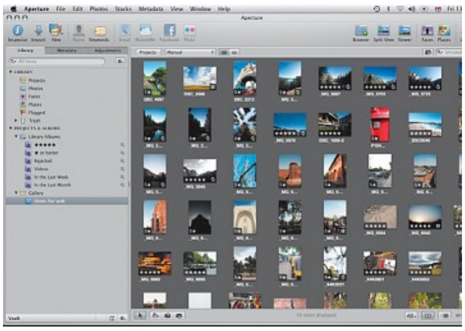
The presets offer flexibility to suit your work. Create your own or download them.



QUICK TIP

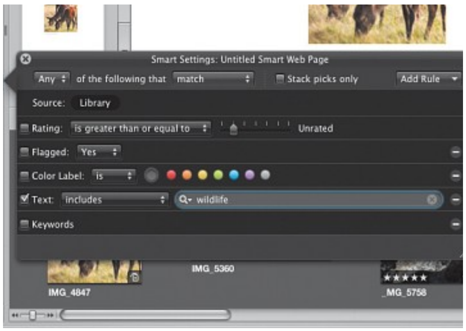
The **Faces** feature is generally reliable, but not everyone will use it, and it can present a hefty challenge to your system's available processing power. If you find you never use it, press ⌘ + , to bring up the *Preferences* panel, then uncheck **Enable Faces**.

HOW TO / Create a custom photosite in five minutes



01 Get your images together

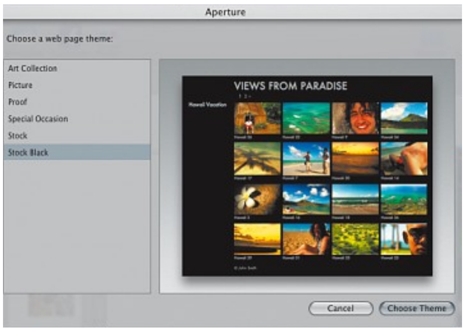
The first step is to assemble a portfolio of images. Exactly how you tie your images together will depend on who you expect to see them – for prospective clients you might choose your best images; for friends and family you might decide on a particular date or event.



Smart Settings: Untitled Smart Web Page
Any of the following that match
☐ Stack picks only
Source: Library
☐ Rating: is greater than or equal to Unrated
☐ Flagged: Yes
☐ Color Label: is
☑ Text: includes wildlife
☐ Keywords

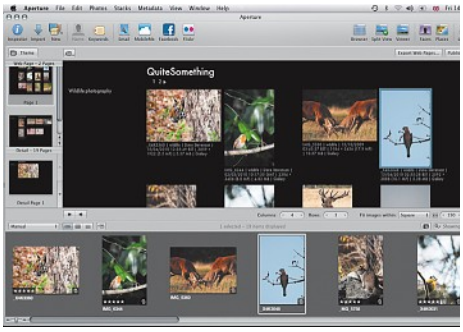
02 Tag and rate

The best images in our *Aperture* library have been tagged and rated, which will make sorting them out a doddle. Click on **File**, then **New** on the menu bar, and select **Smart Web Page**. The resulting window enables you to filter by rating, keyword or EXIF data.



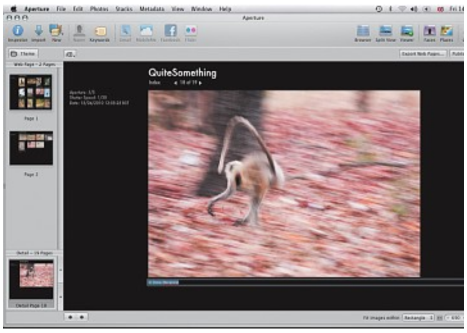
03 Slideshow options

The web page will update in the background, so once you've chosen the criteria to select your images, close the filter box. The default appearance of a slideshow is fairly plain, so click **Theme** above and to the left of the preview window to choose a different one.



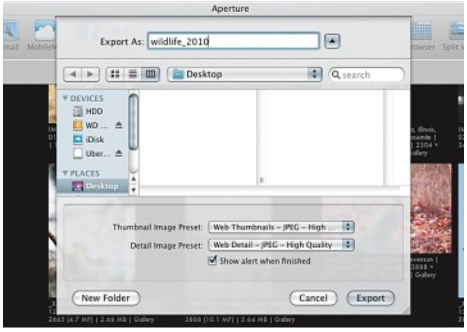
04 Open space

The preview window is live – clicking on the links will take you to other pages within your site, but you'll need a bit more space. Press ⇧+T to hide the toolbar, then double-click the thin strip of grey to the right-hand side of the tabbed **Inspector** bar on the left to get rid of it.



05 Get in order

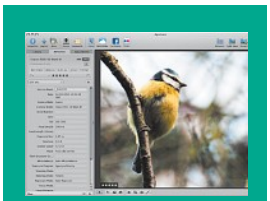
Pressing V will change the preview screen, enabling you to change the order of your shots by dragging them around the filmstrip at the bottom (you can also arrange images automatically by date and so on). Or you can scroll through each page of your site individually.



Export As: wildlife_2010
Desktop
Thumbnail Image Preset: Web Thumbnails – JPEG – High ...
Detail Image Preset: Web Detail – JPEG – High Quality
☑ Show alert when finished

06 Ready to go

Click **Export Web Pages...** at the top-right and choose your export settings. The defaults should be fine, but if you want your site to load really fast, increase the amount of compression applied. The site is placed in a folder of your choice, ready to upload to your web space. ●



QUICK TIP

Non-destructive editing is best with RAW files. A RAW file has more information in areas of extreme dark or brightness than a JPG.

shoot and want to quickly share a contact sheet with your client. You also have the option to upload a web gallery directly to MobileMe. Or, just as you can set up a **Smart Album** that automatically adds images that meet certain criteria, you can create a **Smart Web Page**, pulling in, for instance, all images with the tag 'India'. With you images selected and the boilerplate text replaced with something custom, hit **Export web pages...** and your images are exported and formed into an HTML gallery. All you need to do is upload it to your webspace – no coding required. If you're producing a gallery for DVD, or would prefer a slideshow that didn't have downloadable images, the **Slideshow** creator is perfect. You string together a series of images with custom timing and music, and include movie files – a godsend if your DSLR shoots HD video. The whole thing is exported as a movie file in H.264 or MPEG4.

> *"String together images with custom timing, music, and movie files – a godsend if your DSLR shoots HD video"*

As you'll quickly come to appreciate, *Aperture* is an enormously powerful – and initially rather daunting – piece of software. But learning how to use it properly could prove the turning point for the quality of your final images, to say nothing of the effectiveness with which you distribute them. Most importantly, the number of ways in which you can edit your shots is massively increased versus *iPhoto*, enabling you to create better-looking images in less time.

Dave Stevenson

NEXT MONTH: **Perfecting slideshows with *Aperture*.**

Intuitive, award-winning software for visual web design
freeway pro
YOU SUPPLY THE CREATIVITY. WE HANDLE THE CODE.
softpress
freeway express
Mac FORMAT Choice ★★★★★

Freeway

Web design for Mac OS X

July Spectacular!
Visit us in July at **www.softpress.com** and see how the best web design application is getting even better!

Imagine. Create. Publish.

You see your web site in your mind's eye; how it looks, how it will work. Freeway will make your vision a reality.

Empowered by Freeway's professional features and intuitive workflow, your creative capabilities are limitless. Freeway describes your design with flawless and standards-compliant code.

Visit **www.softpress.com/you** and try Freeway free for 30 days. You'll see why Freeway is the indispensable web-design tool for professionals and home users alike.

Available from www.softpress.com and quality retailers worldwide.

Freeway 5 Pro and Freeway 5 Express include a fully integrated, easy to set-up e-commerce solution – for free.

Copyright © 1997-2010 Softpress Systems Limited. Freeway and Softpress are trademarks of Softpress Systems Limited, registered in some countries. Other product names are the property of their respective owners.

Load up iMovie with media

Discover the many ways in which you can import footage into iMovie

>> KEY INFO

DIFFICULTY:
Beginner

TIME NEEDED:
30 minutes

WHAT YOU'LL NEED:
iMovie '08 or '09, camcorder or digital camera, spare hard drive for storage

Apple has worked hard to make editing a home movie as painless as possible with *iMovie '08* and *'09*. But of all the features we've covered, one's been sorely neglected, without which editing would be impossible: learning how to import your footage.

In the early days of *iMovie*, back in 1999, things were really simple. There was only one option: you had to get a camcorder with a FireWire connection, connect it to your Mac with the right cable and import your footage using an interface that hasn't changed much since then.

However, the last decade has turned all this upside down: although still used in the professional world and mostly for connecting external drives to your Mac, FireWire has been all but wiped out from modern camcorders, which now favour the USB2 interface. Tapes such as MiniDV, without which the digital media revolution would probably not have happened, have had their time in the sun and are now being replaced by camcorders with flash memory or internal hard drives.

In addition, digital cameras have piled on the features and nearly all of them now record video as well as stills. The same is true for modern phones including the iPhone, or even the latest iPod nano. And let's not forget dedicated compact camcorders such as the Flip, or the occasional need to record using your Mac's built-in iSight camera.

> *"FireWire has been all but wiped out from modern camcorders, which now favour the USB2 interface"*

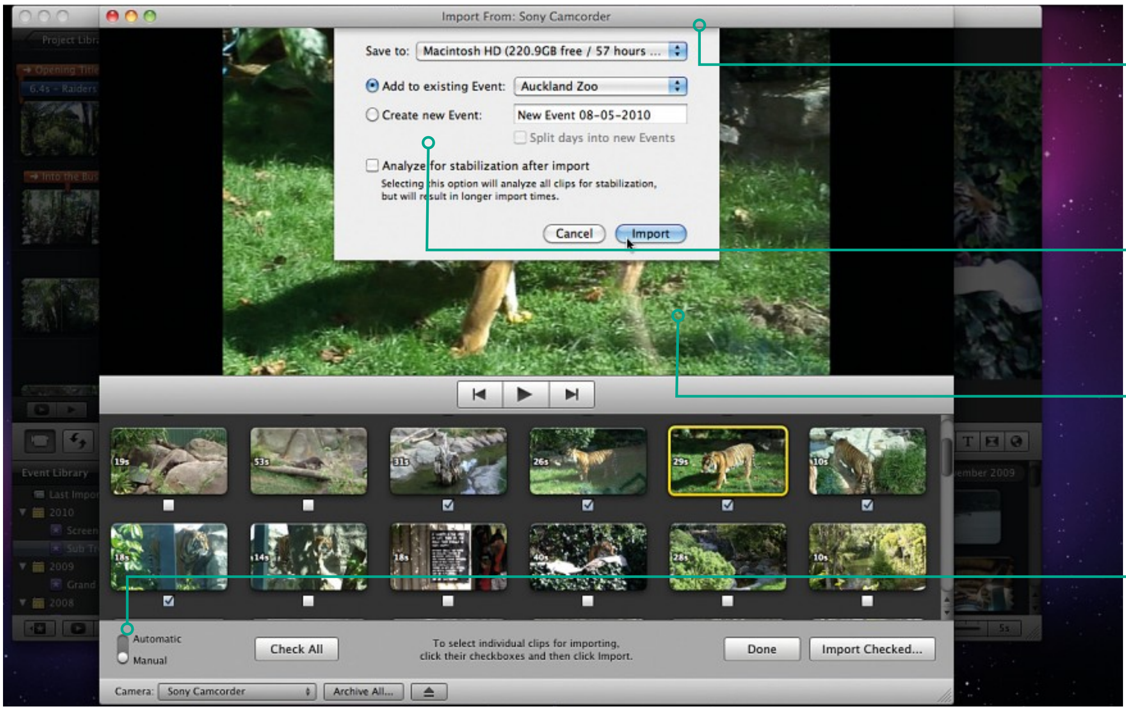
iMovie has to be compatible with as many of them as it can, and in that respect, Apple has done a pretty good job. The only downside of having so many options is that it's impossible to cater for them all using a single interface.

As a result, there are many ways to get footage into your copy of *iMovie* and we'll be using this tutorial to show you the four most popular methods you'll encounter (aside from importing from an iSight camera, which we covered in issue 221).

We'll explore the options available to you when connecting a hard drive-based camcorder via USB, what to do if your footage is already on a hard drive and you need to use it in one of your projects, how to connect a vintage FireWire camcorder, and how you can make use of videos taken from your digital stills camera.

Steve Paris

>> HOW TO / Import from a USB-based camcorder



Save to: Macintosh HD (220.9GB free / 57 hours ...
● Add to existing Event: Auckland Zoo
○ Create new Event: New Event 08-05-2010
☐ Split days into new Events
☐ Analyze for stabilization after import
Selecting this option will analyze all clips for stabilization, but will result in longer import times.

To select individual clips for importing, click their checkboxes and then click Import.

Camera: Sony Camcorder

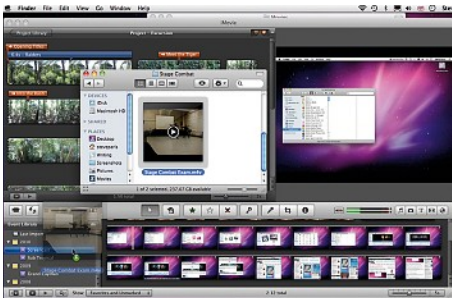
Import window
Switch on a camcorder; connect it to your Mac. *iMovie* will recognise it and open this window.

Event selection
Use this drop-down sheet to select which **Event** to save clips to.

Clip preview
Double-click on a clip to preview it. You can't fast-forward or rewind.

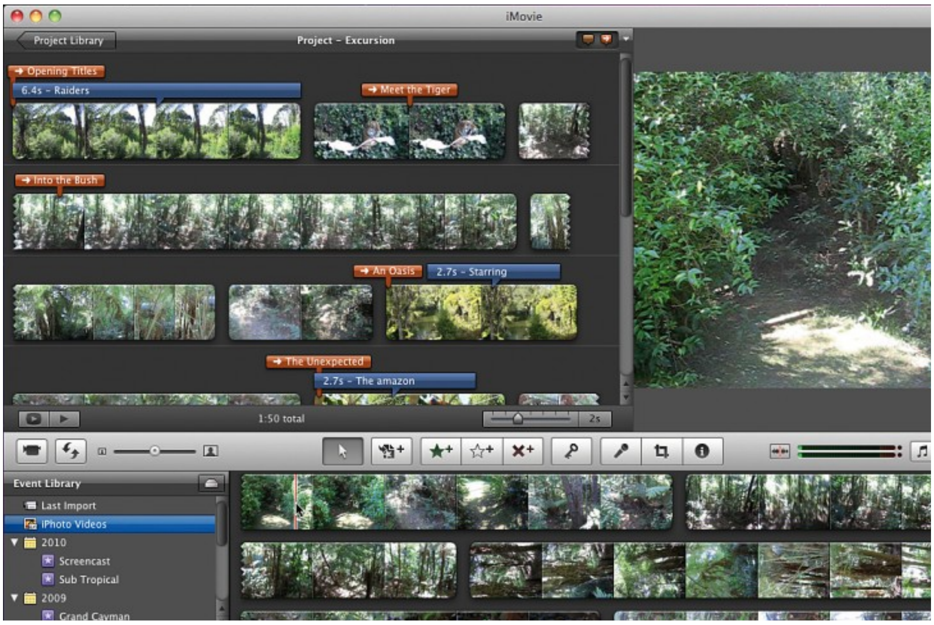
Manual or auto
Automatic imports all your clips. **Manual** lets you pick clips to import.

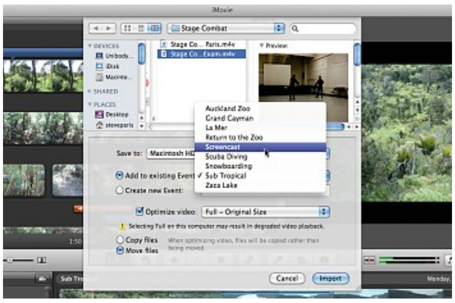
HOW TO / Import footage from different sources



01 The import process

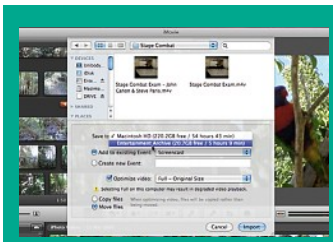
iMovie supports drag and drop from *Finder*, but you wouldn't think so if you tried to drop a clip onto the **Event** thumbnail area. Instead, you must drop your file over the **Event** name in the **Event Library** section. For more options, go to File > Import > Movies.


iMovie
Project Library
Project – Excursion
Opening Titles
6.4s – Raiders
Meet the Tiger
Into the Bush
An Oasis
2.7s – Starring
The Unexpected
2.7s – The amazon
1:50 total
2s
Event Library
Last Import
iPhoto Videos
2010
Screencast
Sub Tropical
2009
Grand Cayman


Stage Combat
Auckland Zoo
Grand Cayman
La Mer
Return to the Zoo
Screencast
Scuba Diving
Snowboarding
Sub Tropical
Zaza Lake
Save to: Macintosh HD
Add to existing Event
Create new Event:
Optimize video: Full – Original Size
Cancel
Import

02 The right Event

This last action reveals a drop-down sheet. Once you've located your files, decide which **Event** they're destined for. If none of the ones you see suit, make a new one with **Create New Event**. If you want your footage to remain in its original format, untick **Optimise Video**.

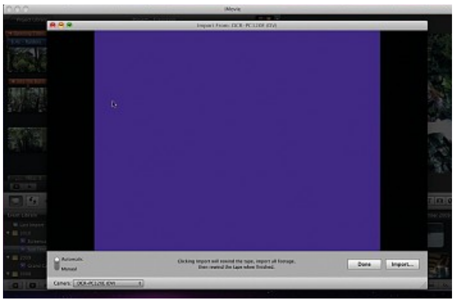


QUICK TIP

Digital video takes up a lot of room on your hard drive and you may wish to use external drives to store it all. Choose which one to send your new clips to by clicking the **Import** window's **Save To** drop-down menu and selecting the right destination.

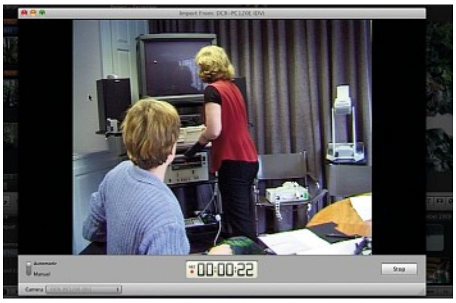
06 Clips from iPhoto

Any video taken with your stills camera won't be stored in an *iMovie* **Event**. Instead, it'll be kept with the other photos you took with that camera: in *iPhoto* or the latest version of *Aperture*. Once such clips are detected in your photo database (each time *iMovie* starts up, it scans that database for new clips), *iMovie* will display an **Aperture Videos** or **iPhoto Videos** section in the **Event Library** sidebar. It'll have to process the clips before you can see them, but once that's done, they'll appear as thumbnails broken down by date and event (if you've organised your *iPhoto* library into events). You can use them like any other clip by selecting a part of it and dragging it to your project. ●



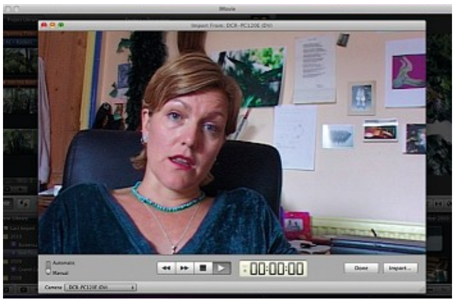
03 FireWire camcorders

If you've got a camera with a FireWire connection (also known as D.Link or DV), switch it to VCR mode and connect it to your Mac. *iMovie* will recognise it and launch the **Import** window. With a modern Mac, you'll need a special 9-pin to 4-pin FireWire cable.


00:00:22
Stop

04 Capture everything

In **Automatic** mode, click on **Import** and your Mac will rewind the tape and proceed with capturing everything (you'll need to choose an **Event** into which to import it first). If you wish to halt the process, click **Stop** (which replaces the **Import** button in the bottom right).


00:00:00
Done
Import...

05 Be specific

In **Manual** mode, you can play footage back, fast-forwarding or rewinding until you find the part you want to capture. Click **Import** and *iMovie* will record all the footage from that location onwards. To stop it, either click **Stop** or use the playback controls' stop symbol.

iMovie
Project Library
Project – Trip To The Zoo
What A Day It Was
Event Library
Last Import
2010
Trip To The Zoo
Title Credits
Transitions
Cross Dissolve
Cross Blur
Cross Zoom
Ripple
Fade to Black
Fade to White
Page Curl Right
Page Curl Left
Spin In
Spin Out
Circle Open
Circle Close
MacBook Pro

Recruit iWork in a quest for better iMovie project text.

Use Keynote for iMovie titles

Go further than iMovie's default text effects by using iWork's Keynote

>> KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: 30 minutes

WHAT YOU'LL NEED: iLife & iWork '09, Mac OS X 10.5

While the latest version of *iMovie* offers a variety of text effects, you are limited by the lack of flexibility once you have chosen a style for your movie's title sequence. Options are available to change the font and background colour for *iMovie* text, but when it comes to choosing positions and other options for your words in *iMovie*, you can be left rather wanting.

There is another way to create interesting titles for your *iMovie* projects, however, that offers complete flexibility and that makes use of the features available in *iWork*'s *Keynote* application. While *Keynote* is primarily for creating presentations, such as those used by Steve Jobs during Apple events, the animated slides it produces are perfect for creating a unique credit sequence that can then be exported and added to the beginning of an existing *iMovie* project. *Keynote* also features a whole range of text effects that aren't available in *iMovie*, not to mention a wider choice of formatting options.

In this tutorial we will show you how to add your text, choose how it enters and leaves the screen and also how to export your sequence and add it to your *iMovie* library.

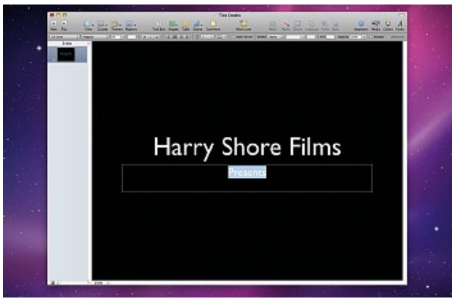
> *"There's another way to create interesting titles for your iMovie projects that makes use of Keynote"*

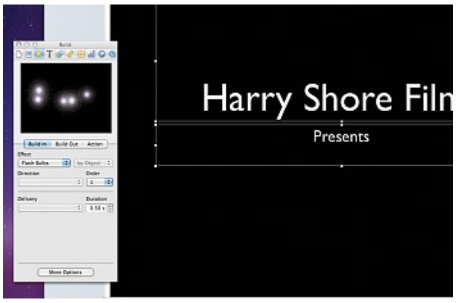
Of course, by using *Keynote*, you can change the look of your credits at any time by returning to the application, making adjustments and then re-exporting them. You could even play around with some more advanced options, such as adding images to your credit sequence.

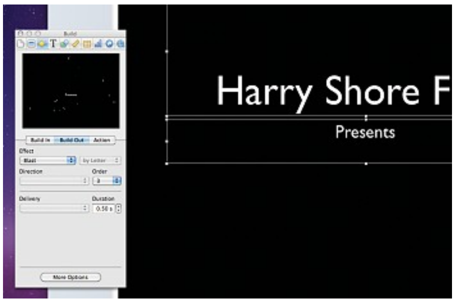
Combining two Apple apps is easier than you might think. With the option to add any image or video to the background of your *Keynote* slides, as well as use any font and a wide range of transitions and effects, you're sure to find a style that will fit your *iMovie* project.

Ben Harvell

HOW TO / Create titles in Keynote and export them to iMovie


Harry Shore Films
Presents


Harry Shore Film
Presents


Harry Shore F
Presents

01 Pick your theme and text

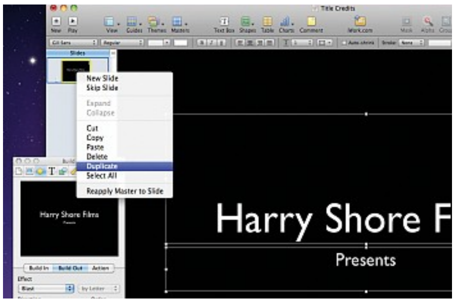
Launch *Keynote* and select a theme from the **Theme Chooser**. We're using the **Black** theme for this project with simple white text. Now enter the text for the first frame of your credit sequence by double-clicking the existing text and typing into the space.

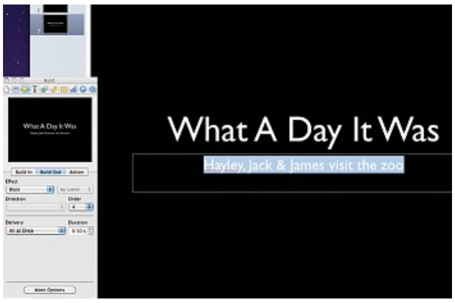
02 Add your effects

Select all of your text boxes by pressing ⌘+A. Now click the **Inspector** button at the top of the interface and select the **Build Inspector** (yellow diamond). Select the effect you would like to use from the **Effect** drop-down menu and watch the preview shown.

03 Add some more effects

In order to add effects to your titles as they are removed from the screen, select the **Build Out** tab from the **Build Inspector**. Make sure all of your text is still selected and pick another effect (or the same one) from the **Effect** drop-down menu.


New Slide
Skip Slide
Expand
Collapse
Cut
Copy
Paste
Delete
Duplicate
Select All
Reapply Master to Slide
Harry Shore F
Presents

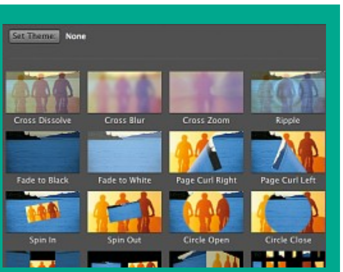

What A Day It Was
Hayley, Jack & James visit the zoo

04 Create a new slide

Select your slide from the **Slides** pane and right-click (or ctrl-click) it. Select **Duplicate** from the menu that appears to add a replica of your existing slide to the project. This slide will be the second frame of your credit sequence and you can add as many as you wish.

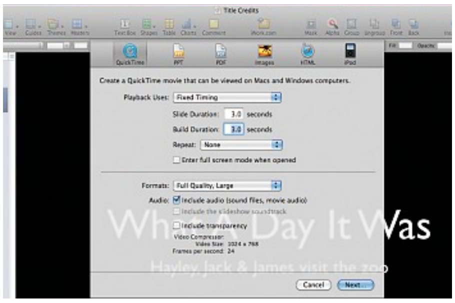
05 Slide adjustments

Enter new text for your second slide as you did in Step 1 and return to the **Build Inspector**. You'll notice that the same effects have been applied to this slide. You can change them as you wish using the **Effect** drop-down menus on both the **Build In** and **Build Out** tabs.

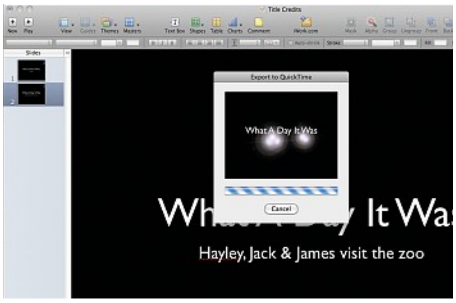

Set Theme
None
Cross Dissolve
Cross Blur
Cross Zoom
Ripple
Fade to Black
Fade to White
Page Curl Right
Page Curl Left
Spin In
Spin Out
Circle Open
Circle Close

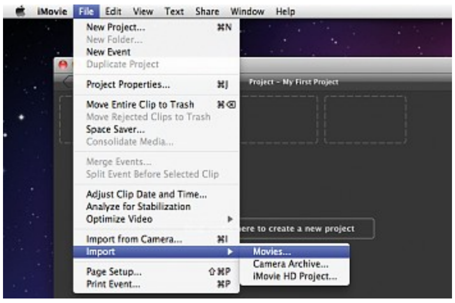
QUICK TIP

When importing credits to *iMovie*, make sure you choose the highest quality import option. Once your credits have been added to your project, you can add fade-in and fade-out effects to either end of them for a smoother transition.


Title Credits
QuickTime
PPT
PDF
Images
HTML
iPod
What A Day It Was
Hayley, Jack & James visit the zoo
Cancel
Next...

Create a QuickTime movie that can be viewed on Macs and Windows computers.
Playback Uses: Fixed Timing
Slide Duration: 3.0 seconds
Build Duration: 3.0 seconds
Repeat: None
☐ Enter full screen mode when opened
Formats: Full Quality, Large
Audio: ☑ Include audio (sound files, movie audio)
☐ Include the slideshow soundtrack
☐ Include transparency
Video Compressor:
Video Size: 1024 x 768
Frames per second: 24


Export to QuickTime
What A Day It Was
Cancel
What A Day It Was
Hayley, Jack & James visit the zoo


iMovie
File
Edit
View
Text
Share
Window
Help
New Project... ⌘N
New Folder...
New Event
Duplicate Project
Project Properties... ⌘J
Move Entire Clip to Trash
Move Rejected Clips to Trash
Space Saver...
Consolidate Media...
Merge Events...
Split Event Before Selected Clip
Adjust Clip Date and Time...
Analyze for Stabilization
Optimize Video
Import from Camera... ⌘I
Import
Page Setup... ⇧⌘P
Print Event... ⌘P
Movies...
Camera Archive...
iMovie HD Project...
Project – My First Project
ere to create a new project

06 Export your titles

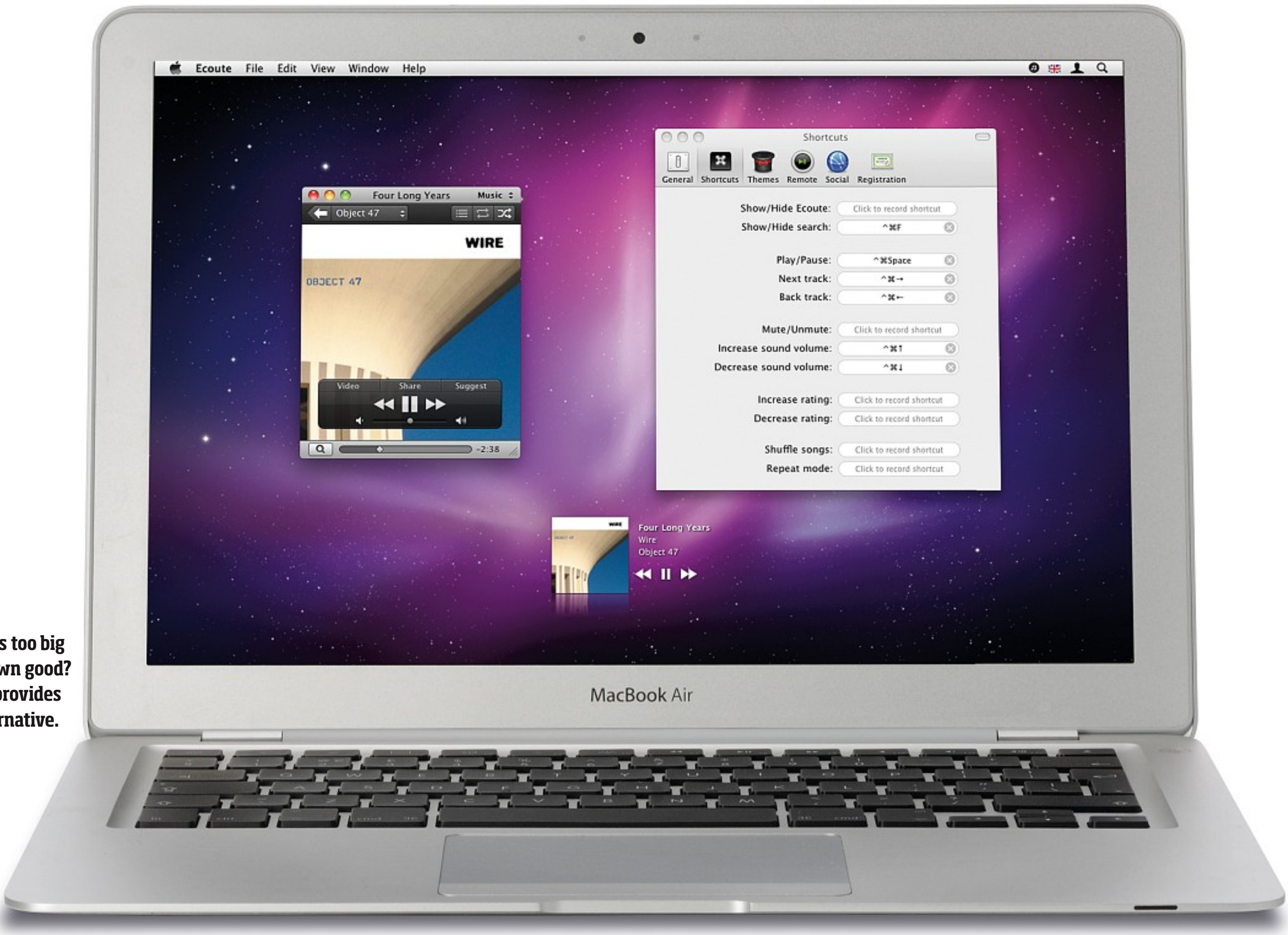
When you're happy with your credit sequence, choose Share > Export. Under the *QuickTime* tab, select the output settings for your movie file. Choose **Fixed Timing** from the **Playback Uses** menu and set **Slide Duration** to between one and three seconds.

07 Finish up

From the **Formats** drop-down menu, make sure you select **Full Quality, Large** before clicking the **Next...** button. Select a save location for your title sequence and wait for the movie to be exported. You can preview it in *QuickTime* by double-clicking it in the *Finder*.

08 Add your credits to iMovie

Now open *iMovie* and select the project you wish to add your credits to, or, if this is your first time using *iMovie*, begin a new project. Now select Import > Movies from the **File** menu and select the movie you exported from *Keynote* to add it to your *iMovie* project. ●



Show/Hide Ecoute: Click to record shortcut
Show/Hide search: ^⌘F

Play/Pause: ^⌘Space
Next track: ^⌘→
Back track: ^⌘←

Mute/Unmute: Click to record shortcut
Increase sound volume: ^⌘↑
Decrease sound volume: ^⌘↓

Increase rating: Click to record shortcut
Decrease rating: Click to record shortcut

Shuffle songs: Click to record shortcut
Repeat mode: Click to record shortcut

Is iTunes too big for its own good? Ecoute provides the alternative.

Play music without iTunes

Use the lightweight Ecoute to explore and play your music collection

>> KEY INFO

DIFFICULTY:
Beginner

TIME NEEDED:
15 minutes

WHAT YOU'LL NEED:
Music already within iTunes, Ecoute 1.3.8, Mac OS X 10.5

There's no getting away from the fact that *iTunes* is a bit of a beast. In its early days it was just a music player, but now it's a repository and manager for most of your media apps, ebooks, podcasts, videos, and so on – and it's also what you use to sync your iPods, iPhones and iPads. Consequently, *iTunes* has a tendency to be resource-hungry and a bit sluggish, especially on less powerful Macs. By contrast, *Ecoute* is a lightweight app that concentrates on playing music well.

One of the best things about *Ecoute* is that you don't need to do anything to get started. There's nothing to import and nothing to set up, because the app works with your existing *iTunes* content, including playlists (*Ecoute* doesn't enable you to create new ones – you'll still need *iTunes* for that and also for adding new music to your collection).

The walkthrough details how to use the app, but for anyone who's used the iPod app on an iPhone or iPad, *Ecoute* will feel familiar. Obviously, there's no touchscreen control, but if you're keyboard-oriented then you can speed up navigation by defining system-wide shortcuts in the **Shortcuts** section of *Ecoute*'s preferences.

> *"There's nothing to import and nothing to set up, because the app works with your iTunes content"*

As noted in the walkthrough, *Ecoute* also provides a desktop controller that can be reskinned. If you're a dab hand with HTML, CSS and JavaScript, you can make a theme yourself (see **http://bit.ly/cI8ZGU** for more); if not, try one of the freely available themes – type 'Ecoute theme' into Google to find some or visit **http://iconpaper.org/category/mac/ecoute**.

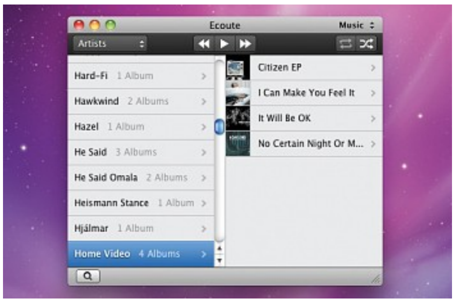
You'll find the trial version of *Ecoute* on your disc, and it will work for 15 days once installed. If you decide you like the app, you can register it for $10 (about £7) from **http://ecouteapp.com**.

Craig Grannell

>> ON THE DISC

You can find Ecoute on your disc.

HOW TO / Get going with Ecoute music player

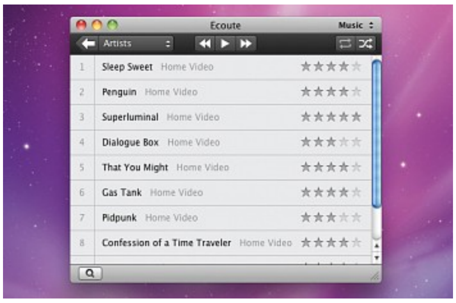

Ecoute
Music
Artists

Hard-Fi 1 Album
Hawkwind 2 Albums
Hazel 1 Album
He Said 3 Albums
He Said Omala 2 Albums
Heismann Stance 1 Album
Hjálmar 1 Album
Home Video 4 Albums

Citizen EP
I Can Make You Feel It
It Will Be OK
No Certain Night Or M...

01 Navigate your music

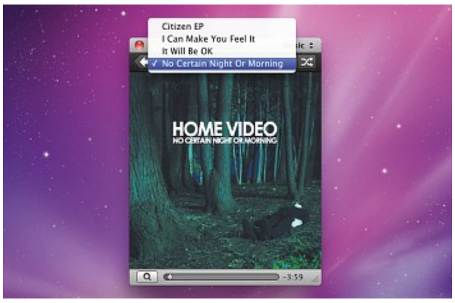
When you first open *Ecoute*, it will automatically load data from *iTunes*, including all of your tracks and playlists. To select an artist, scroll and click; alternatively, type a name and use the cursor keys to fine-tune your position. Select an artist to see their albums.


Ecoute
Music
Artists

1 Sleep Sweet Home Video
2 Penguin Home Video
3 Superluminal Home Video
4 Dialogue Box Home Video
5 That You Might Home Video
6 Gas Tank Home Video
7 Pidpunk Home Video
8 Confession of a Time Traveler Home Video

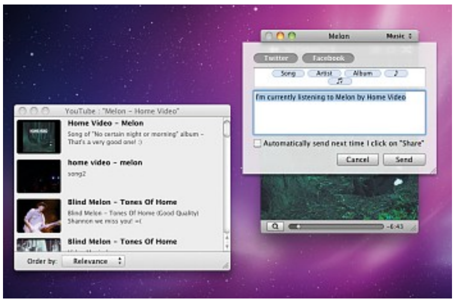
02 Play some music

Select an album and you'll see its tracklisting. Again, you can navigate this by typing, using cursor keys or using the mouse. Next to each track is its rating in *iTunes*, and this can be changed by clicking one of the stars. Double-click a track (or hit ⏎) to start playing it.


Citizen EP
I Can Make You Feel It
It Will Be OK
✓ No Certain Night Or Morning
HOME VIDEO
NO CERTAIN NIGHT OR MORNING
-3:59

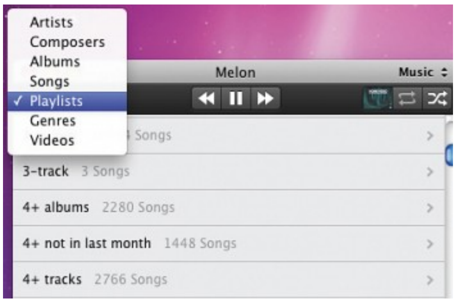
03 Access other albums

With a track playing, *Ecoute* shows its artwork. You can toggle between the tracklist and artwork views by clicking the relevant toolbar button (next to the repeat button). Using the toolbar menu, you can also rapidly switch between an artist's albums.


Melon
Music
Twitter
Facebook
Song
Artist
Album
I'm currently listening to Melon by Home Video
Automatically send next time I click on "Share"
Cancel
Send
YouTube : "Melon – Home Video"
Home Video – Melon
home video – melon
Blind Melon – Tones Of Home
Blind Melon – Tones Of Home
Order by:
Relevance
-4:43

04 Access more controls

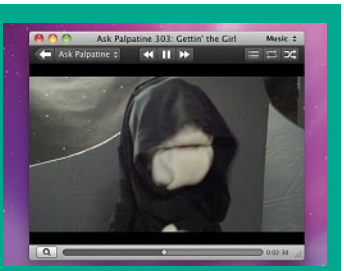
Hold your cursor over the artwork for additional controls. You should see **Video**, **Share** and **Suggest** buttons. These, in turn, find YouTube videos related to the current track, enable you to share track details to Twitter and Facebook, and copy the track's *iTunes* link.


Artists
Composers
Albums
Songs
✓ Playlists
Genres
Videos
Melon
Music

Songs
3-track 3 Songs
4+ albums 2280 Songs
4+ not in last month 1448 Songs
4+ tracks 2766 Songs

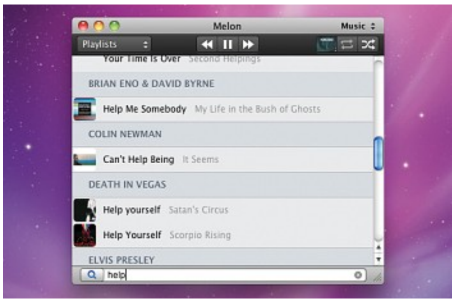
05 Access playlists

Click the left-facing arrow at the top-left of the window to exit album view. The menu at the top-left can be used to switch the list to show composers, albums, songs, playlists, genres or videos. Select **Playlists** and you'll see your *iTunes* playlists. Double-click one to play it.


Ask Palpatine 303: Gettin' the Girl
Music
Ask Palpatine
0:02:33

QUICK TIP

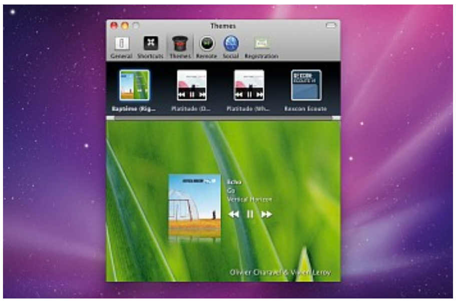
Although it's primarily designed as a music player, *Ecoute* will play videos. Select **Movies**, **Videos** or **Podcasts** from the top-right menu, or search for video content. ⇧+⌘+0 toggles between full-screen video and *Ecoute*'s standard windowed mode.


Melon
Music
Playlists

Your Time Is Over Second Helpings
BRIAN ENO & DAVID BYRNE
Help Me Somebody My Life in the Bush of Ghosts
COLIN NEWMAN
Can't Help Being It Seems
DEATH IN VEGAS
Help yourself Satan's Circus
Help Yourself Scorpio Rising
ELVIS PRESLEY
help

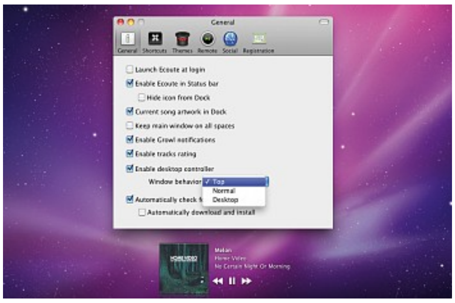
06 Find content

Tap the search box and type a search term, and *Ecoute* will display items that match it, filtering the results as you add further characters. Note that results match song, artist and album names. To play any track from the search list, double-click it or select it and hit ⏎.


Themes
General
Shortcuts
Themes
Remote
Social
Registration
Oliver Charavel & Vincent Leroy

07 Examine themes

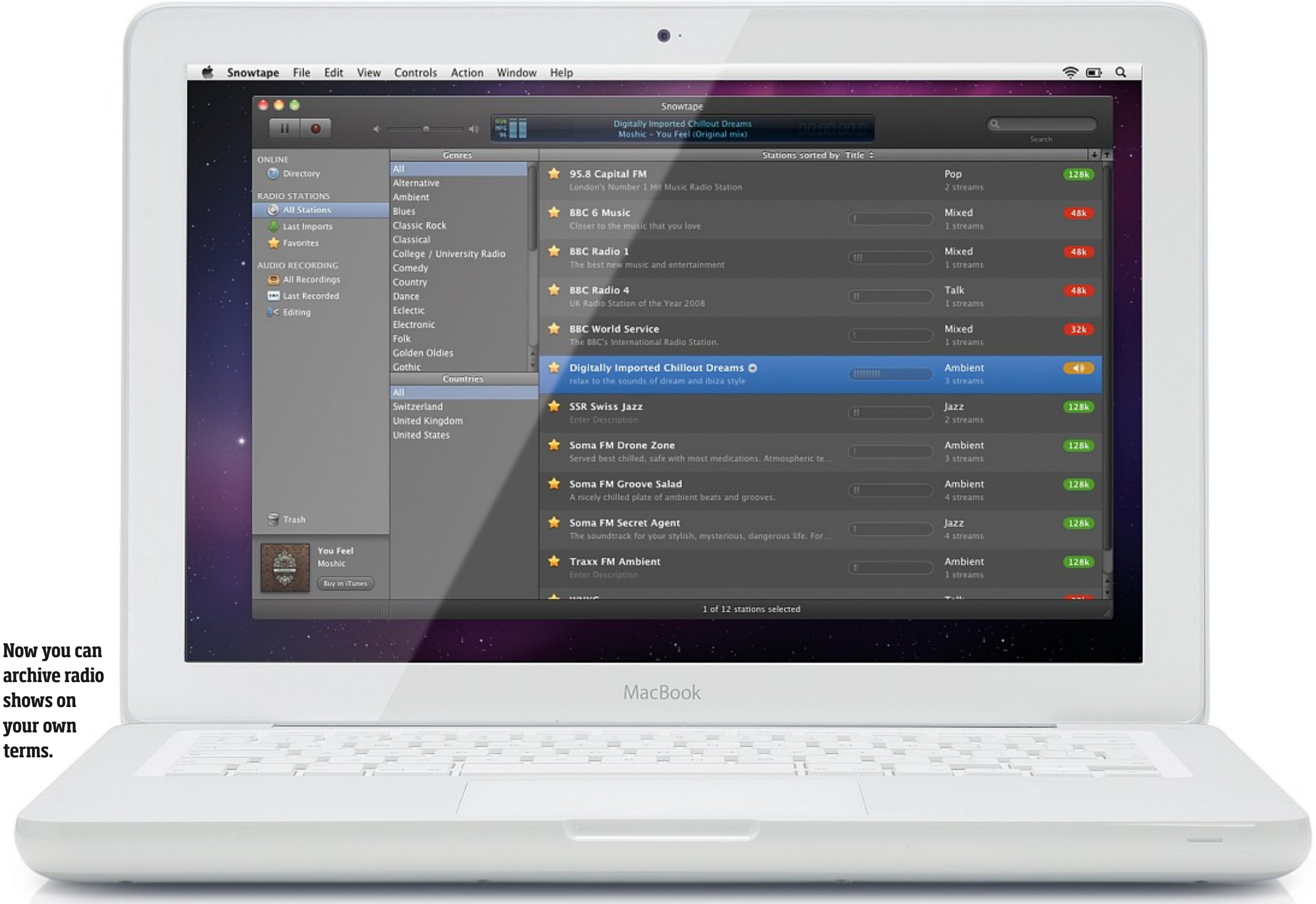
Open *Ecoute*'s preferences (Ecoute > Preferences or ⌘+,) and select **Themes**. Here, you can view the various themes for *Ecoute*'s desktop controller. (Rexcon is a useful theme if you want a controller at the bottom of the screen that sits next to the Dock.)


General
Shortcuts
Themes
Remote
Social
Registration

☐ Launch Ecoute at login
☑ Enable Ecoute in Status bar
☐ Hide icon from Dock
☑ Current song artwork in Dock
☑ Keep main window on all spaces
☑ Enable Growl notifications
☑ Enable tracks rating
☑ Enable desktop controller
Window behavior: ✓ Top / Normal / Desktop
☑ Automatically check f...
☐ Automatically download and install

08 Desktop controller

To activate the desktop controller, select **General** from *Ecoute*'s preferences and check **Enable desktop controller**. Use the menu to decide whether the window works as normal, sits at desktop level, or floats above other windows (**Top**). ●


Snowtape File Edit View Controls Action Window Help
Snowtape
Digitally Imported Chillout Dreams
Moshic – You Feel (Original mix)
Search
ONLINE
Directory
RADIO STATIONS
All Stations
Last Imports
Favorites
AUDIO RECORDING
All Recordings
Last Recorded
Editing
Trash
You Feel
Moshic
Buy in iTunes
Genres
All
Alternative
Ambient
Blues
Classic Rock
Classical
College / University Radio
Comedy
Country
Dance
Eclectic
Electronic
Folk
Golden Oldies
Gothic
Countries
All
Switzerland
United Kingdom
United States
Stations sorted by Title
95.8 Capital FM
London's Number 1 Hit Music Radio Station
Pop
2 streams
128k
BBC 6 Music
Closer to the music that you love
Mixed
1 streams
48k
BBC Radio 1
The best new music and entertainment
Mixed
1 streams
48k
BBC Radio 4
UK Radio Station of the Year 2008
Talk
1 streams
48k
BBC World Service
The BBC's International Radio Station.
Mixed
1 streams
32k
Digitally Imported Chillout Dreams
relax to the sounds of dream and ibiza style
Ambient
3 streams
SSR Swiss Jazz
Enter Description
Jazz
2 streams
128k
Soma FM Drone Zone
Served best chilled, safe with most medications. Atmospheric te...
Ambient
3 streams
128k
Soma FM Groove Salad
A nicely chilled plate of ambient beats and grooves.
Ambient
4 streams
128k
Soma FM Secret Agent
The soundtrack for your stylish, mysterious, dangerous life. For...
Jazz
4 streams
128k
Traxx FM Ambient
Enter Description
Ambient
1 streams
128k
1 of 12 stations selected
MacBook

Now you can archive radio shows on your own terms.

Record radio broadcasts

Harness the power of Snowtape to easily record online radio streams

KEY INFO

DIFFICULTY: Beginner

TIME NEEDED: 20 minutes

WHAT YOU'LL NEED: Snowtape (£19 from www.snowtape.com), Mac OS X 10.5 Leopard or later

Do you enjoy listening to the radio? Then the chances are that there have been times when you've wanted to record something and save it for later, whether that was a particular song, a full program, or a snippet from an interview with Steve Jobs.

Stations often make full episodes available for download as podcasts, but few offer absolutely everything they broadcast in that form. Also, their live streams are often higher quality than that of their podcasts, which are compressed down to the smallest, most portable and downloadable formats. If you've ever coveted the original broadcast, you'll be glad to know that it's possible to record live radio over the internet.

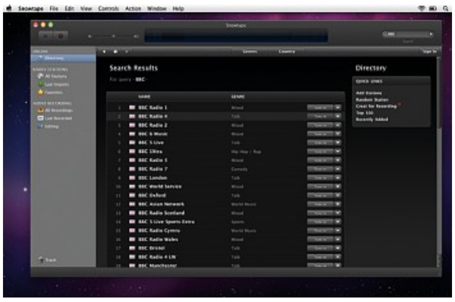
There are already a few apps available for doing this on your Mac, but *Snowtape* is a particularly good recent addition to the list. With its great-looking interface, access to an online directory of thousands of stations, ability to stream stations via *AirTunes*, and simple and effective recording, *Snowtape* could easily become your one-stop radio application. When you click the Record button, *Snowtape* starts saving whatever you're currently listening to, automatically splitting songs into separate files, removing adverts, and importing and embedding song metadata (if it's available in the broadcast).

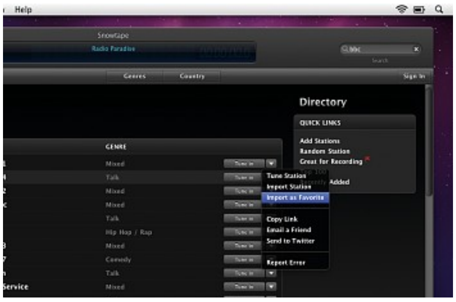
> *"There are a few apps available for doing this, but Snowtape is a particularly good addition to the list"*

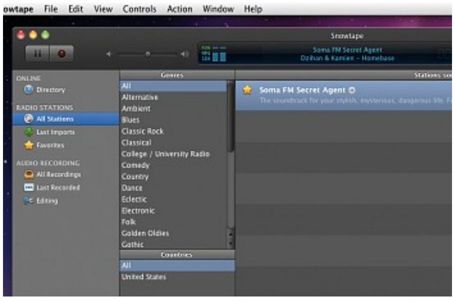
There are one or two features missing right now – such as being able to schedule recordings in advance (although the developer does provide an AppleScript to do this), or to listen to one stream while recording another – but the application is in active development, and new features (and new stations) are added regularly. Read on, and we'll walk you through the basics of using this handsome and elegant app to get your radio fix.

Ian Tromp

HOW TO / Save radio streams as replayable files







01 Spinning the dial

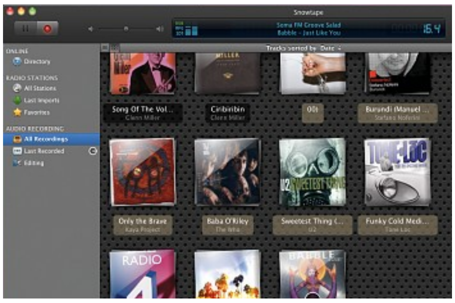
Start by clicking **Directory** in the left panel of *Snowtape*'s main window. This will show you a list of the top 100 stations globally, and the top stations in your area. You can also search the online directory, or use the **Genres** and **Country** pull-down menus to filter the list.

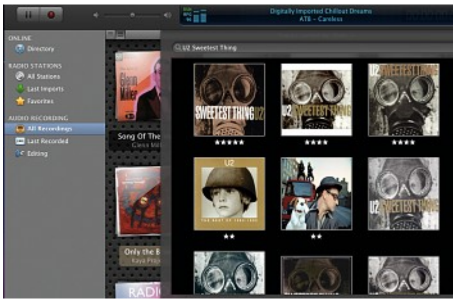
02 Tuning in

When you find a station you want to listen to, click **Tune in**. From the menu to the right of that button, you can also add the station to your library, send it to a friend or to your Twitter account (your browser will open to the Twitter homepage), or report a problem.

03 iTunes integration

If you're listening to a music station, as well as showing artists' names and song titles – if the broadcast includes these – *Snowtape* is able to display album artwork, and offer a link to buy the current song in *iTunes*. You can also export recordings straight to your *iTunes* library.



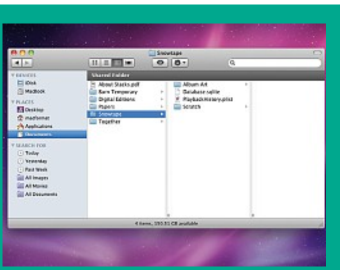


04 Recording

Just hit that red button at the top-left of the window and it'll light up to indicate that you're recording. When a song comes to its end, *Snowtape* trims the file and starts a new one for the next track, so you're left with a bunch of neatly separated recordings.

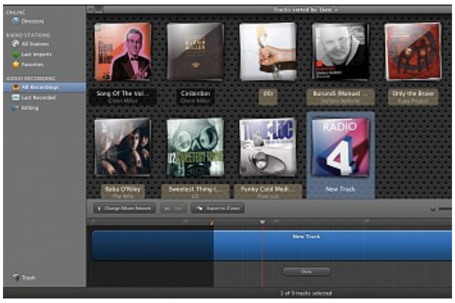
05 Information and artwork

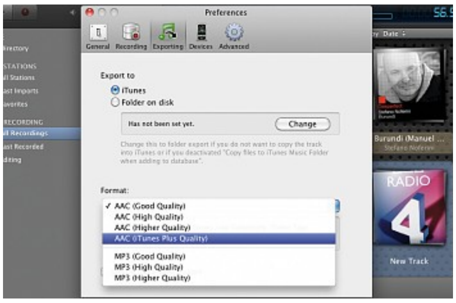
Snowtape partners with Last.fm to give you information about your recordings and automatically embeds it in the metadata of each recorded track, along with album art. Click **Change Album Artwork** to make a choice from several alternative covers for any recording.

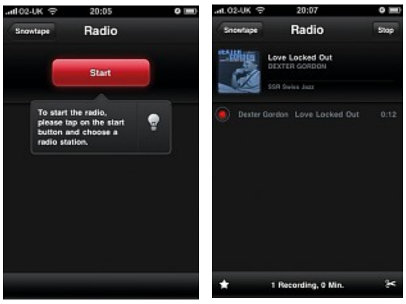


QUICK TIP

By default, *Snowtape* puts its working files into your **Documents** folder – you might want to move this, especially if you need to save space on a remote backup or you're using a file-syncing service like Dropbox. These files can get big!







06 Editing

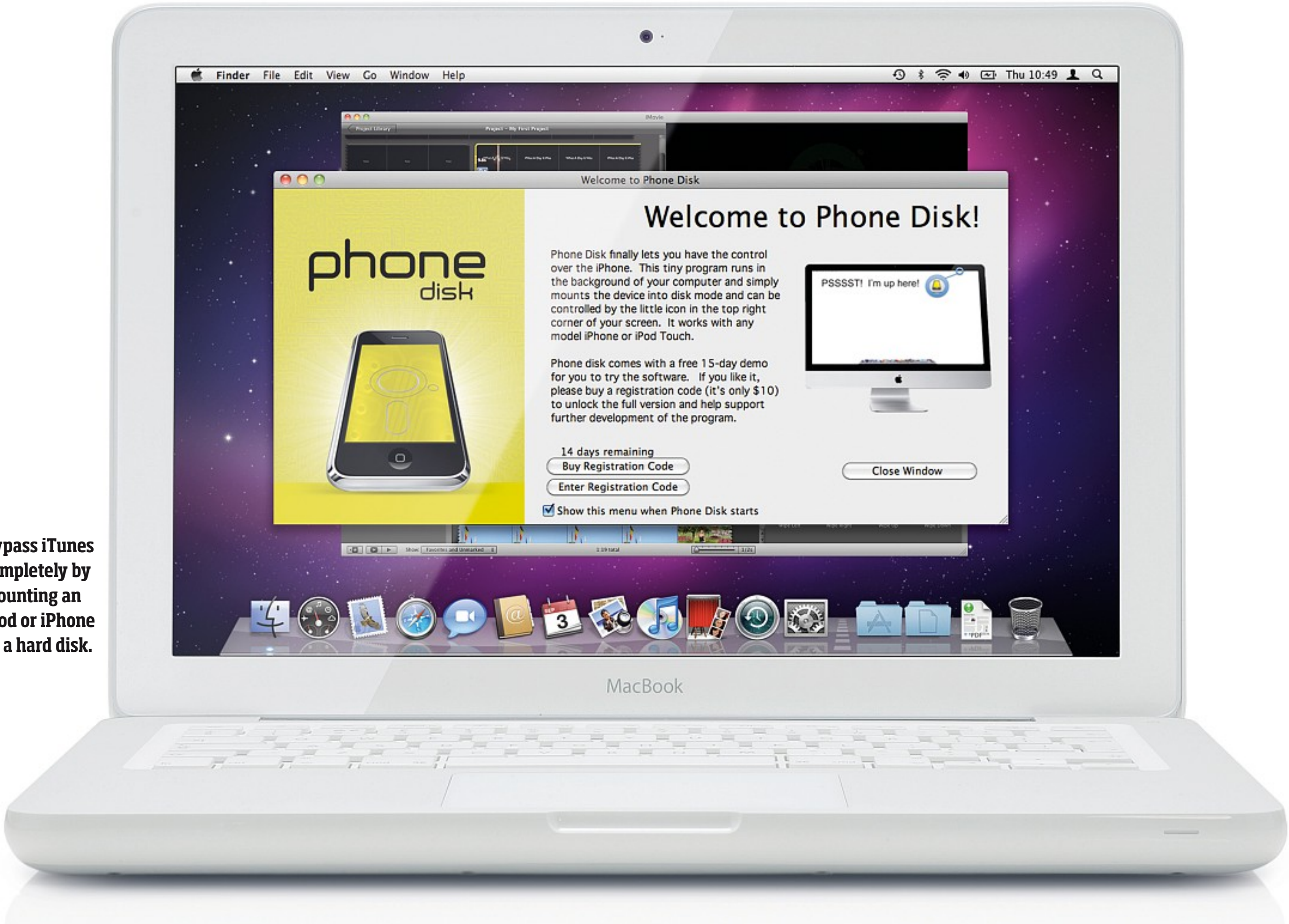
Snowtape can trim recordings too. Just select one then click **Edit**, or hit ⌘+⇧+E, and slide the yellow indicators to select the portion of the file that you want to keep. It's ungainly to have to use the play/pause button up in the top-left corner, but it works well enough.

07 Exporting for quality

You can set the quality of exported recordings from the **Exporting** tab of the **Preferences** menu (⌘+,), where you can select from several presets. Raw recordings are much bigger than exported songs, so it's worth deleting tracks from *Snowtape* once saved.

08 iPhone apps

There are two iPhone apps available: *SnowRemote* and *Snowtape*. *SnowRemote* lets you control *Snowtape* on your Mac from a distance – but, sadly, not listen to stations on your iPhone or iPod touch; *Snowtape* does let you do this, as well as play/edit recordings. ●



Welcome to Phone Disk!

Phone Disk finally lets you have the control over the iPhone. This tiny program runs in the background of your computer and simply mounts the device into disk mode and can be controlled by the little icon in the top right corner of your screen. It works with any model iPhone or iPod Touch.

Phone disk comes with a free 15-day demo for you to try the software. If you like it, please buy a registration code (it's only $10) to unlock the full version and help support further development of the program.

14 days remaining

☑ Show this menu when Phone Disk starts

Bypass iTunes completely by mounting an iPod or iPhone as a hard disk.

Use your iPod as a hard drive

With Phone Disk you can treat your iPod, iPhone or iPad as a storage device

>> KEY INFO

DIFFICULTY: Beginner

TIME NEEDED: 15 minutes

WHAT YOU'LL NEED: Mac OS X 10.5 or later, iPhone, iPod or iPad, Phone Disk

>> ON THE DISC You can find Phone Disk on the disc.

Even if you've got an iPhone, iPod touch or iPad, chances are that if you need to take files away with you, a USB stick will be your method of choice. But this needn't be the case – after all, your portable Apple device has a hard drive built into it. However, using it as simple storage isn't intuitive at all. Anything you transfer to and from the device has to be done through *iTunes*, or in the case of images, *iPhoto* or *Image Capture*.

There's an easy way around this obstacle that doesn't involve jailbreaking. A little app called *Phone Disk* mounts the device on your desktop, meaning you can use it as you would a memory stick. It will still appear in *iTunes*, as it normally would. All you need to do is install the lightweight application on any Mac where you want to use your iPhone, iPod or iPad in this way.

The best thing about *Phone Disk* is that it's free until 1 September 2010. You'll need to activate it using the registration code that's provided on the developer's website at **www.macroplant.com/phonedisk**.

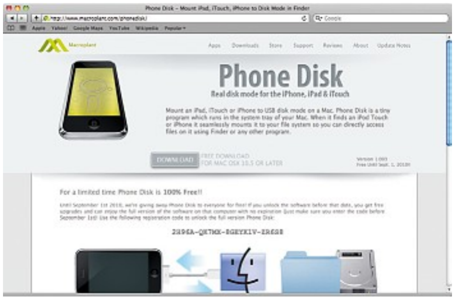
Phone Disk unlocks other useful features on your Apple device too. It enables you to access the images you've taken using the built-in camera straight from *Finder*, meaning you can copy these to your Mac without using *iPhoto* or *Image Capture*. The Camera Roll is the only album you can currently access in this way, so albums that you've copied to your iPhone through *iTunes* or *iPhoto* are hidden away.

> *"Phone Disk mounts the device on your desktop, meaning you can use it just like a memory stick"*

You can also copy images from your Mac to the Camera Roll on the device, to show off when you're out and about. We had some issues copying photos to the iPhone, but this was intermittent, so it may work fine for you. Also, make sure you eject/unmount your iPhone/iPod before disconnecting it.

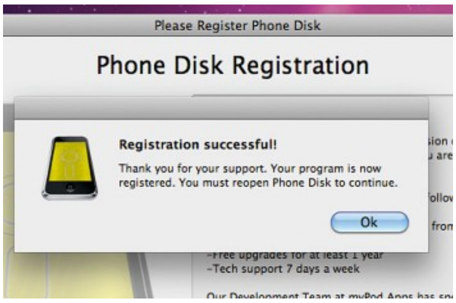
Laurence Cable

HOW TO / Mount your iPod, iPhone or iPad like a USB drive


Phone Disk
Real disk mode for the iPhone, iPad & iTouch
DOWNLOAD

01 Note the number

Go to **www.macroplant.com/phonedisk** and start your download. Make a note of the registration code displayed on the homepage – you'll need to type it in manually later on. Then install *Phone Disk*. Its yellow icon should appear in your **Applications** folder.


Please Register Phone Disk
Phone Disk Registration
Ok

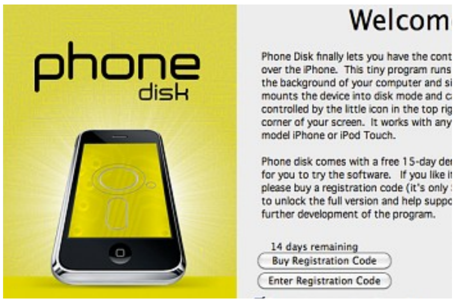
Registration successful!

Thank you for your support. Your program is now registered. You must reopen Phone Disk to continue.

-Free upgrades for at least 1 year
-Tech support 7 days a week

02 Enter registration code

Double-click *PhoneDisk*. On the welcome screen, click **Enter Registration Code**. Now type in the code you wrote down earlier. Remember the dashes, and note that it's case-sensitive. Then click **Unlock**. You should see a message confirming that registration's been successful.


phone disk
Welcom
Buy Registration Code
Enter Registration Code

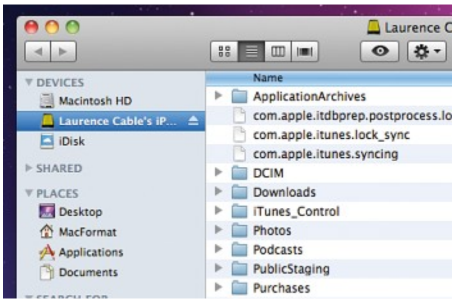
Phone Disk finally lets you have the cont
over the iPhone. This tiny program runs
the background of your computer and si
mounts the device into disk mode and c
controlled by the little icon in the top rig
corner of your screen. It works with any
model iPhone or iPod Touch.

Phone disk comes with a free 15-day de
for you to try the software. If you like i
please buy a registration code (it's only
to unlock the full version and help suppo
further development of the program.

14 days remaining

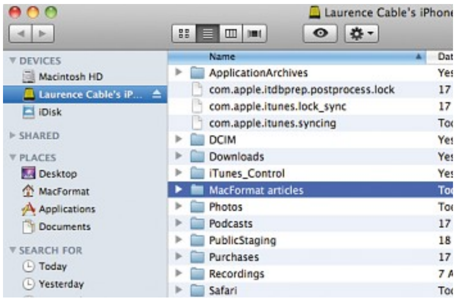
03 Menu bar icon

Phone Disk will now quit. Fire it up again by double-clicking its icon. If you'd like it to check for updates, click **Check Automatically**. On the welcome screen, uncheck the **Show this menu when Phone Disk starts** box and click **Close Window**. Note the icon in your menu bar.


Laurence C
DEVICES
Macintosh HD
Laurence Cable's iP...
iDisk
SHARED
PLACES
Desktop
MacFormat
Applications
Documents
Name
ApplicationArchives
com.apple.itdbprep.postprocess.lo
com.apple.itunes.lock_sync
com.apple.itunes.syncing
DCIM
Downloads
iTunes_Control
Photos
Podcasts
PublicStaging
Purchases

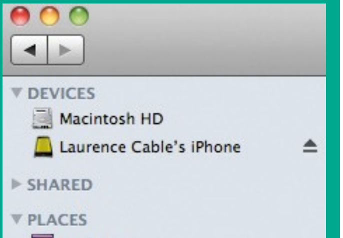
04 Plug in your device

The icon will be grey if nothing's plugged in, but it'll turn yellow when you connect. Your iPod will appear on the Desktop. Double-click it to have a look inside. A lot of what you'll see shouldn't be touched, because they're files the device uses to work properly.


Laurence Cable's iPhone
DEVICES
Macintosh HD
Laurence Cable's iP...
iDisk
SHARED
PLACES
Desktop
MacFormat
Applications
Documents
SEARCH FOR
Today
Yesterday
Name
ApplicationArchives
com.apple.itdbprep.postprocess.lock
com.apple.itunes.lock_sync
com.apple.itunes.syncing
DCIM
Downloads
iTunes_Control
MacFormat articles
Photos
Podcasts
PublicStaging
Purchases
Recordings
Safari

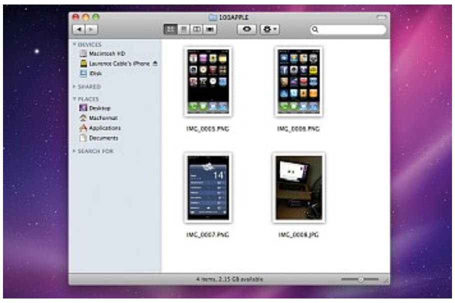
05 The portable hard drive

To use your iPod, iPhone or iPad as a portable disk, drag files and folders to it as you would with any other drive – just don't meddle with anything that's there already. Removing the device is simply a matter of dragging it to the Trash or pressing ⌘+⇐.


DEVICES
Macintosh HD
Laurence Cable's iPhone
SHARED
PLACES
Desktop

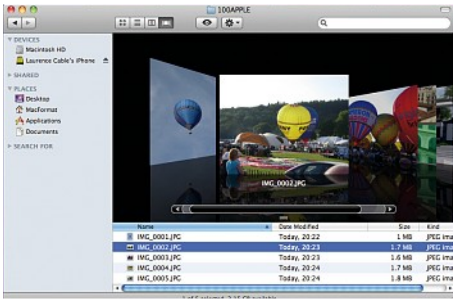
QUICK TIP

You can add your iPhone, iPod or iPad to your *Finder* sidebar for quicker access. Simply drag it to the **Devices** section where your hard drive is, and it will appear there every time you connect it, provided *Phone Disk* is running.


100APPLE
IMG_0005.PNG
IMG_0006.PNG
IMG_0007.PNG
IMG_0008.JPG

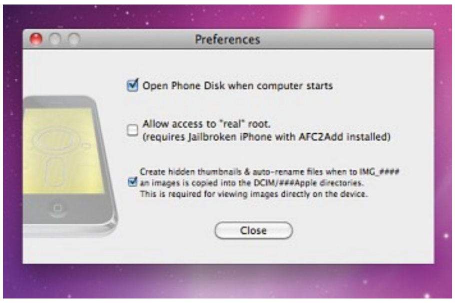
06 View your photos

There's a folder on iPhones (but not iPads) called DCIM. Inside it, there's another called 100APPLE, which contains the images taken using the iPhone's camera. You can copy these across to your Mac without needing to use *iPhoto* or *Image Capture*.


100APPLE
IMG_0002.JPG
IMG_0001.JPG
IMG_0002.JPG
IMG_0003.JPG
IMG_0004.JPG
IMG_0005.JPG

07 Images from your Mac

Now find some photos on your Mac's hard drive, and copy them into the 100APPLE folder. They'll be renamed so that your device can display them correctly. These will then display in the Camera Roll on your iPhone, from where you can show them off out and about.


Preferences
Close

☑ Open Phone Disk when computer starts

☐ Allow access to "real" root.
(requires Jailbroken iPhone with AFC2Add installed)

☑ Create hidden thumbnails & auto-rename files when to IMG_####
an images is copied into the DCIM/###Apple directories.
This is required for viewing images directly on the device.

08 Launch at startup

To ensure you can always access your iPod, iPhone or iPad like a portable hard drive, set *Phone Disk* to load automatically when you start up your Mac. Click its icon in your menu bar, choose **Preferences**… and tick the **Open Phone Disk when computer starts** box. ●

steam Account View Friends Games Window Help
STORE LIBRARY NEWS COMMUNITY
STEAM PRESENTS SEGA WEEK
Huge savings on a different game each day of the week
Get the COMPLETE SEGA PACK for just £49.99
SONIC & SEGA ALL-STARS RACING
-50% £9.99
Now Available
SONIC AND SEGA ALL-STARS RACE FOR VICTORY IN A HIGH SPEED HIGH SKILL RACETRACK SHOWDOWN!
Altitude
Free Weekend On Now!
1,542,564
Quantz
BRAINPIPE
Football Manager 2010
BEJEWELED
MacBook Pro

Go on, you know you want to – grab a game or two and enjoy.

Get gaming on Steam for Mac

Download Valve's re-visioned digital service to access a world of great games

» KEY INFO

DIFFICULTY: Intermediate

TIME NEEDED: One hour

WHAT YOU'LL NEED: Intel-based Mac, Mac OS X 10.5+, internet connection

The Mac platform has never really been known as a haven for gamers. But with the launch of Intel-based Macs and improved graphics cards, Apple has effectively reduced the gap in games performance between Macs and typical PCs. Valve has tapped into this latent market by bringing its *Steam* service to the party.

Steam has long been a favourite tool of PC gamers for accessing news and downloading the latest titles, and now Mac game fans have the same opportunity. *Steam* combines an online store, gaming network, game manager and launcher into one slick system that's free to download from the *Steam* website, **http://store.steampowered.com**. Once you've created a free account you can browse the latest games, watch videos and try them for free. Then when you've decided on the game you want, you can buy it and download it directly to your computer. You can even add games you already own to your *Steam* account so that you can keep your entire game library in one place.

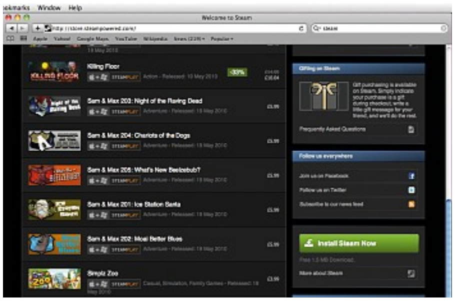
The *Steam* app itself requires an Intel Mac running Mac OS X Leopard or Snow Leopard with at least 1GB of free hard disk space. An internet connection is also required, with broadband recommended and a two-button mouse also strongly advised. Of course, the individual games available on *Steam* may require steeper system specs, so make sure you read the system requirements or try a demo version before buying a particular game.

> *"Steam combines an online store, gaming network, manager and launcher into one slick system"*

In this tutorial, we'll show you how to download and install *Steam* as well as how to set up an account and start downloading games to your Mac. Be warned, however: with so many great games (like *Portal*, reviewed on page 101 this issue) it'll be hard not to start spending!

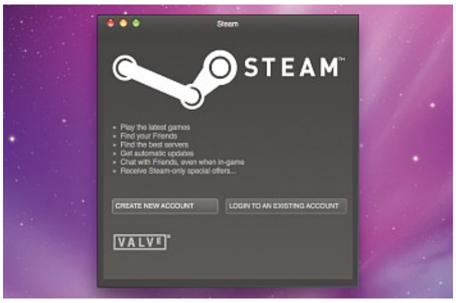
Ben Harvell

HOW TO / Set yourself up with a Steam account


Killing Floor
Sam & Max 203: Night of the Raving Dead
Sam & Max 204: Chariots of the Dogs
Sam & Max 205: What's New Beelzebub?
Sam & Max 201: Ice Station Santa
Sam & Max 202: Moai Better Blues
Simply Zoo
Install Steam Now

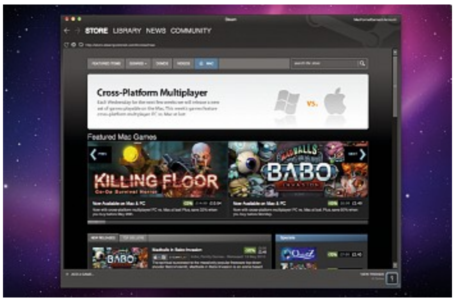
01 Head to the web

Start by launching *Safari* and heading to the *Steam* website at **http://store.steampowered.com**. Scroll down this page until you spot the green **Install Steam Now** button. Click on it and follow the instructions to download and install *Steam* on your Mac.


STEAM
Play the latest games
Find your Friends
Find the best servers
Get automatic updates
Chat with Friends, even when in-game
Receive Steam-only special offers...
CREATE NEW ACCOUNT
LOGIN TO AN EXISTING ACCOUNT
VALVE

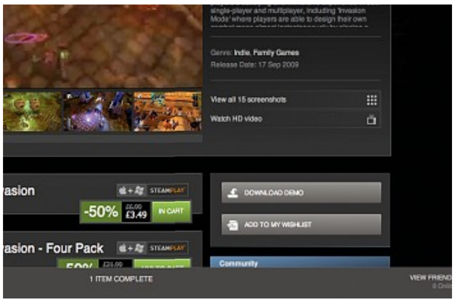
02 Create an account

Once *Steam* has installed, find the *Steam* app in your **Applications** folder and double-click it. On the screen that appears, click **Create New Account** and follow the instructions to create your own *Steam* account, which you will use to log in to the service and download games.


STORE LIBRARY NEWS COMMUNITY
Cross-Platform Multiplayer
Featured Mac Games
KILLING FLOOR
MADBALLS BABO INVASION

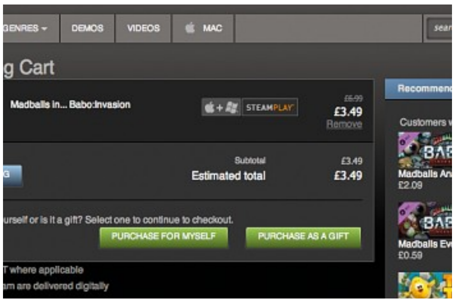
03 Find some Mac games

When your account is created you will be automatically logged in to your *Steam* account. You will start on the main **Store** page that shows the latest games available on *Steam*. Now click on the **Mac** tab to browse only the Mac-compatible titles available on the service.


Genre: Indie, Family Games
Release Date: 17 Sep 2009
View all 15 screenshots
Watch HD video
-50%
£3.49
IN CART
DOWNLOAD DEMO
ADD TO MY WISHLIST
asion - Four Pack
Community
1 ITEM COMPLETE

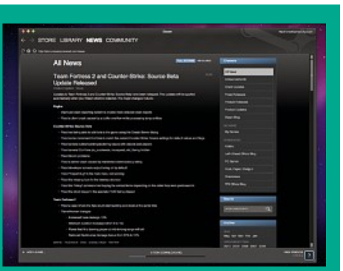
04 Try before you buy

When you see a game you like, click on it to visit its page. Here you can read a description of the game, view screenshots and watch videos. When you're ready to download the game, click the **Add To Cart** button or click on **Download Demo** for a free trial version.


GENRES
DEMOS
VIDEOS
MAC
g Cart
Madballs in... Babo:Invasion
£3.49
Remove
Subtotal £3.49
Estimated total £3.49
PURCHASE FOR MYSELF
PURCHASE AS A GIFT
Recommended
Madballs An £2.09
Madballs Ev £0.59

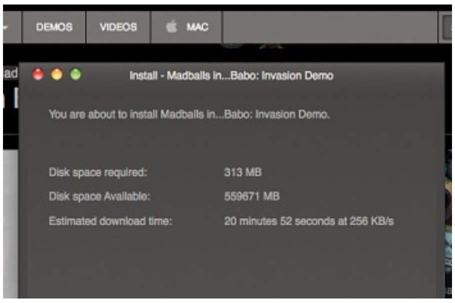
05 Gift or get

If you have chosen to buy the game, you will be taken to a **Shopping Cart** that lists all the games you have added. From here you can choose to buy the game for yourself or gift it to a friend. If you're ready to buy, click **Purchase For Myself** and follow payment instructions.



QUICK TIP

The **Store** and **Library** sections of *Steam* are where you'll spend most of your time; however, it's worth checking out the **News** and **Community** sections where you'll find out about upcoming games, new *Steam* features and updates.

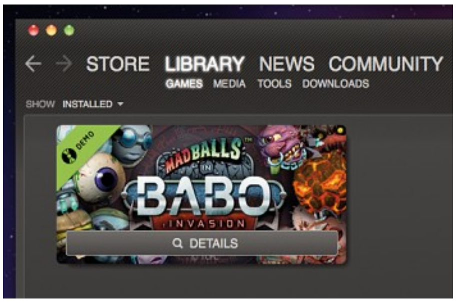

DEMOS
VIDEOS
MAC
Install - Madballs in...Babo: Invasion Demo

You are about to install Madballs in...Babo: Invasion Demo.

Disk space required: 313 MB
Disk space Available: 559671 MB
Estimated download time: 20 minutes 52 seconds at 256 KB/s

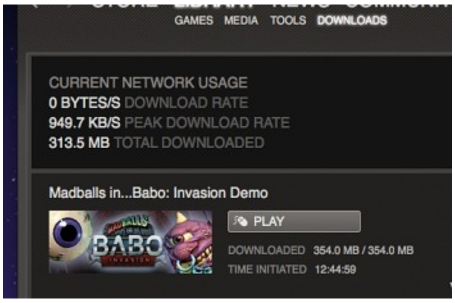
06 Download

Once you have confirmed your payment or selected to download a demo, this screen tells you how much space it will take up on your Mac and how long the download should take. If you're happy, click the **Next** button to begin downloading your game.


STORE LIBRARY NEWS COMMUNITY
GAMES MEDIA TOOLS DOWNLOADS
SHOW INSTALLED
DEMO
MADBALLS BABO INVASION
DETAILS

07 In the library

Your download will begin and a progress bar will appear at the bottom of the interface. Click **Library** then choose **Installed** from the drop-down menu to show games in, or being added to, your library. Adjust the view using the controls at the top-right of the interface.


GAMES MEDIA TOOLS DOWNLOADS
PLAY

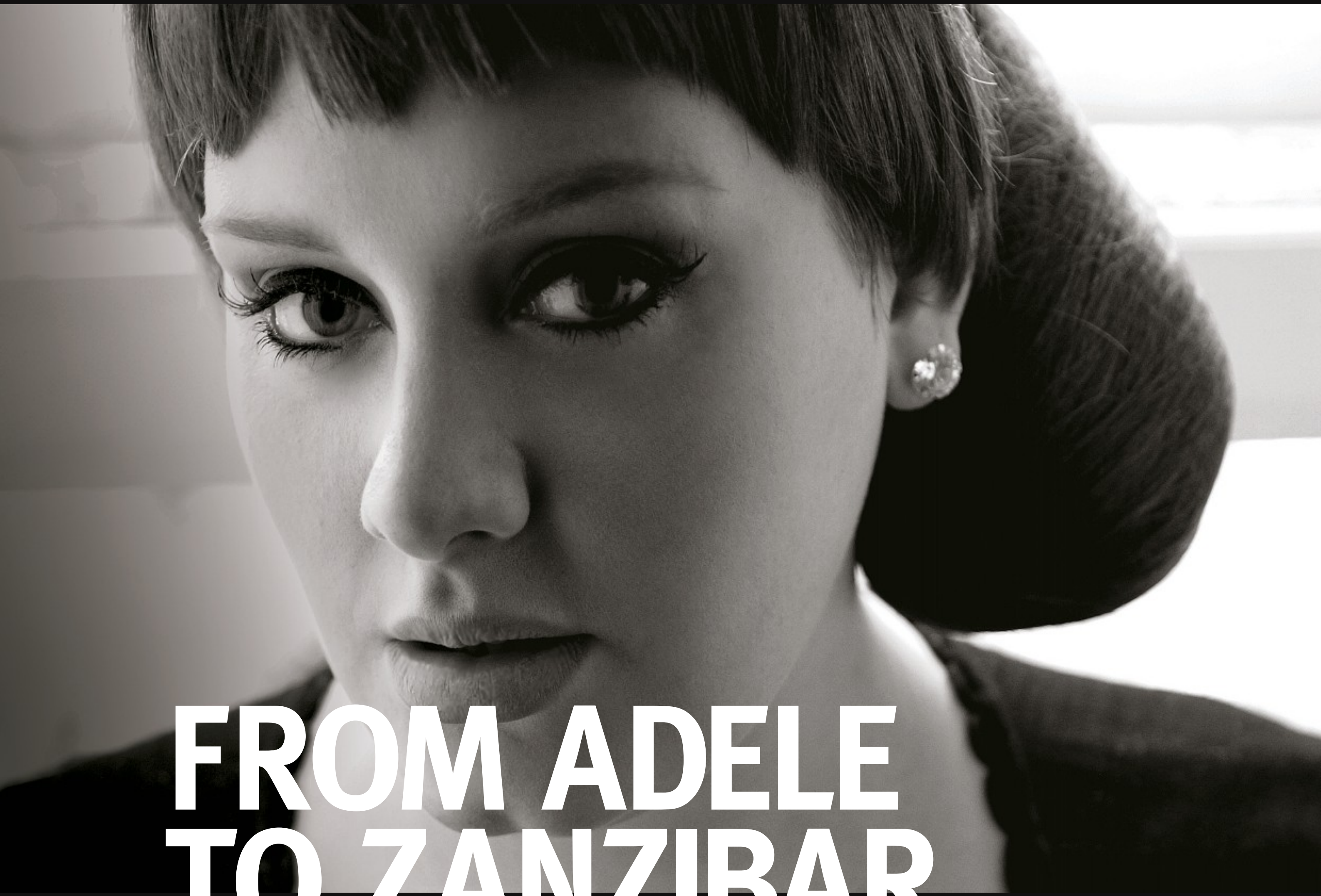
CURRENT NETWORK USAGE
0 BYTES/S DOWNLOAD RATE
949.7 KB/S PEAK DOWNLOAD RATE
313.5 MB TOTAL DOWNLOADED

Madballs in...Babo: Invasion Demo
DOWNLOADED 354.0 MB / 354.0 MB
TIME INITIATED 12:44:59

08 Ready to play

Once the download has finished you can click on **Library** and then the **Downloads** subheading to find your game. This window will also show any other games currently downloading. If you're ready, click the **Play** button next to your game to launch it. ●

emusic



FROM ADELE TO ZANZIBAR AND BACK AGAIN.

Take 50 Free tracks and create your own musical adventure.
Explore eMusic's 5 million track catalogue,
from the brightest new voices to far-flung sounds.

50 FREE TRACKS, on us.
Go to: www.emusic.com/MacFormat

T.REX
ADELE 19
memory almost full
VAMPIRE WEEKEND
JOHNNY CASH
BECK
MODERN GUILT
FLEET FOXES
CAT POWER
JUKEBOX
INCREDIBLE BONGO BAND
"BONGO ROCK"

Get up to 50 free downloads free with a 7-day eMusic trial subscription. Offer available to first-time eMusic customers only. Internet access, registration, and credit or debit card required. Limited time offer. Offer and eMusic's prices are subject to change and are subject to eMusic's terms of use. eMusic and the eMusic logo are either registered trademarks or trademarks of eMusic.com Inc. in the United Kingdom or other countries. All rights reserved. eMusic is notresponsible for products, services or claims made by Future Publishing.

mp3 100% COMPATIBLE

>>OS X SURVIVAL GUIDE

PDF merge and annotate

Christopher Brennan has Preview power where it counts

>>**PROFILE**

Name: Christopher Brennan
Occupation: Freelance journalist, Mac consultant and house-husband
System(s): Mac Pro (2x2.8GHz), MacBook (2Ghz), 20-inch iMac (2GHz), 12-inch PowerBook G4 (1GHz)

Mac OS X is incredibly powerful and some of that power is borne out in the applications that are bundled with it.

When we think about Mac OS X, we often simply regard it as the brains of our Mac. However, there's much more to it than that – every time you pay for a Mac OS update you're getting so much more than the software that enables your Mac to start up and run your applications. Along with the package you get a host of excellent bits and pieces of software that are often much more useful and efficient than you might at first think.

One such application is *Preview*. This tiny bit of software is a jewel in the crown. Many people use it just for taking a quick look at images before opening them in *Photoshop* or *iPhoto*, or simply for opening PDF files, but it's so much more accomplished than that.

I often recommend it to people for annotating PDF files and nearly every time the response is, "It can't do that, can it?" Well, yes it can and what's more it's really very good at it. On the PC, you have to pay Adobe for the annotation-capable version of *Adobe Reader* and though there are third-party tools that can annotate PDFs, they're generally poor imitations in comparison.

It's always nice to find a new feature in an application you already own, and when it's one of your favourite bits of software then the discovery is all the more exciting. (Sadly, I did get excited about this and to be fair I'm happy for you to judge me on that.)

> *"Many people use Preview just for taking a quick look at images or for opening PDF files, but it's so much more accomplished than that"*

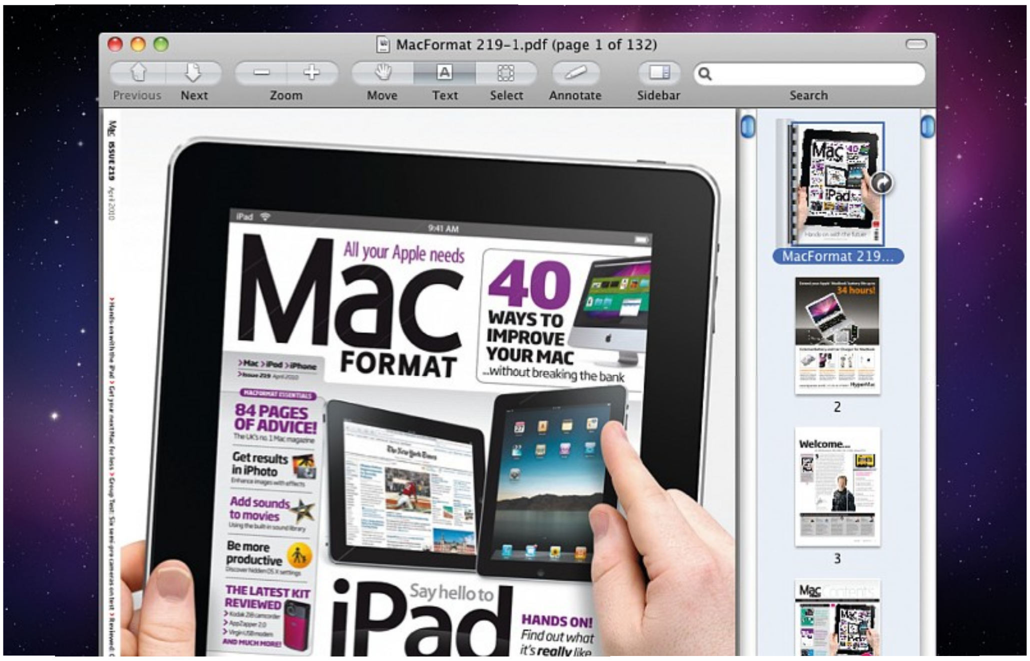
Anyway, I had recently gone through my usual sales pitch for *Preview*. (When I say sales pitch, what I really mean is geekily boring someone to tears about my pet Mac OS X app.) I'd just about sold them on the idea that it's great for annotations, when they asked me if it could combine PDFs, since they found they did this a lot.

My response was, as usual, thoroughly professional: "Erm, dunno, let me find out for you." It was great to discover that not only can you merge PDF documents, but there are also several options available. Like I said, I'm easily pleased. As with many things Apple, however, it's not all that straightforward, but it looks nice while you're doing it.

To combine a PDF, you need to have the sidebar showing and pages set to display as icons. Go to View > Sidebar and select Thumbnails. Hover over the first thumbnail and click on the arrow to collapse all the icons into one. Do this for both PDFs.

The pages of each PDF will now be shown as one stack with a single icon. Click and drag one stack and place it over the other and a blue bar will appear. Place the PDF stack either at the top or bottom and your documents will merge. To merge only individual pages, expand the stack and simply click and drag them to any place you would like to. You can rearrange them later if you wish. Just remember to use the Save As command to create your new PDF.

The flexibility of some of the tools included with Mac OS X is very impressive, but Apple does make it hard to find them. Sometimes you fall across them, other times you're told. In this case I'd never needed to merge a PDF so I'd never tried. The fact that the merge function is so flexible is indicative of how Apple approaches its products. *Preview* is hardly a marquee application, but a lot of thought and hard work has gone into making it great. ●



Merging PDFs is just one of the tools that Preview keeps hidden up its sleeve.

Scan with Preview

Use Apple's built-in wonder app instead of proprietary scanning software

KEY INFO

DIFFICULTY:
Beginner

TIME NEEDED:
15 minutes

WHAT YOU'LL NEED:
Mac OS X 10.6+, a scanner and drivers installed on your Mac, Preview, something to scan

The *Preview* app is an unsung hero that's bundled with every Mac. Perhaps because in Mac OS X's early days it used to be a basic tool for opening PDFs and little else, many Mac users ignore *Preview*. This is a mistake, because the modern *Preview* that forms part of Mac OS X 10.6 is a powerhouse, capable of a huge range of tasks. One of them, to the surprise of many Mac users, is scanning.

In times gone by, you were stuck with clunky software from your scanner's manufacturer, which often wasn't optimised for the Mac nor updated when a new version of Mac OS arrived. Or, you'd have to launch a huge app like *Photoshop* and scan via a plug-in. *Preview* is a relatively lightweight and efficient app, and so using it to scan is a no-brainer.

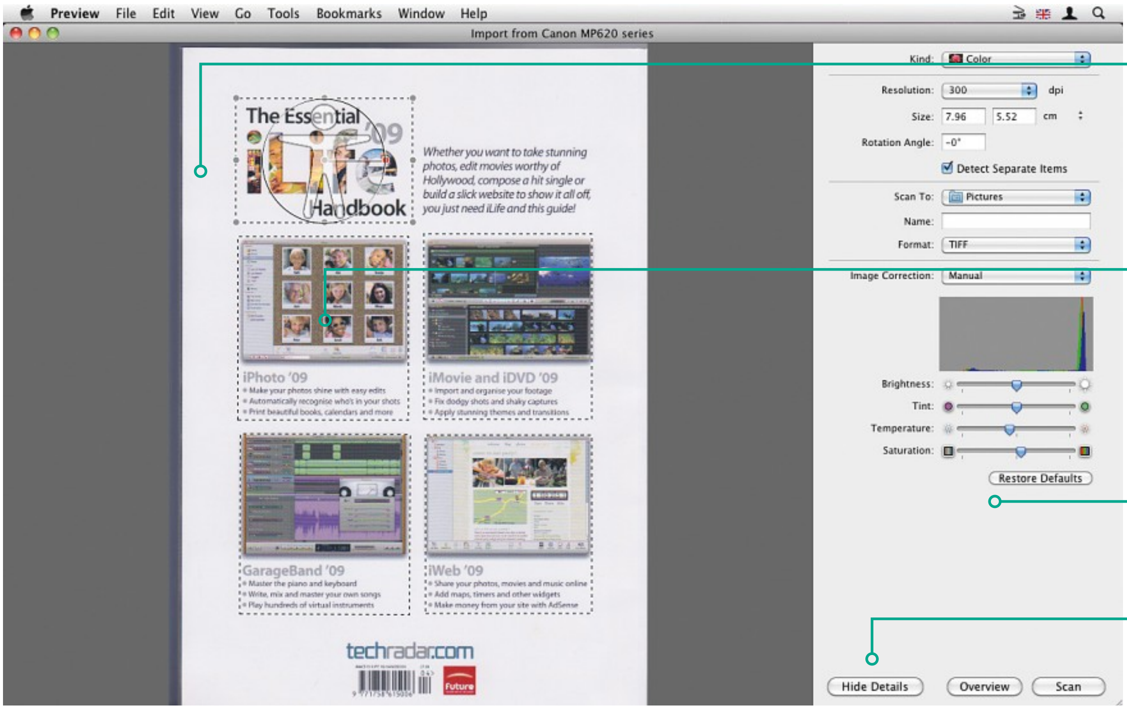
Our walkthrough takes you through the process of scanning one or more items, but it doesn't tell the entire story, and that's because the Import window actually has two different modes. The one shown in the walkthrough is the more detailed mode, which enables you to fine-tune your selections, define a name and format for your images, experiment with image correction, and define a scan resolution. If you hide those details by clicking the Hide Details button you're presented with a simpler window. With that, you just click Scan and your scan is sent to whichever folder is selected in the Scan To menu. Given that the detailed window isn't complicated, but still offers plenty of control, we recommend sticking with it whenever you want to scan.

> *"Preview is a relatively lightweight and efficient app, and so using it to scan is a complete no-brainer"*

In terms of hardware, we're using a Canon MP620 over a wireless connection, but our walkthrough should work with the majority of modern scanners (assuming you've drivers installed). Apple provides a list of models supported by Snow Leopard at http://support.apple.com/kb/ht3669. (Also, if you're wondering what we're scanning in the walkthrough, take a look at Panic's 1982 boxes at http://panic.com/goods/.) As a final note, all the functionality mentioned in this tutorial is available in Image Capture. We prefer using *Preview* for scanning, because it enables you to start editing scanned images right away, using the same application.

Craig Grannell

HOW TO / Find your way around Preview's Import window



Whether you want to take stunning photos, edit movies worthy of Hollywood, compose a hit single or build a slick website to show it all off, you just need iLife and this guide!

- Make your photos shine with easy edits
- Automatically recognise who's in your shots
- Print beautiful books, calendars and more

- Import and organise your footage
- Fix dodgy shots and shaky captures
- Apply stunning themes and transitions

- Master the piano and keyboard
- Write, mix and master your own songs
- Play hundreds of virtual instruments

- Share your photos, movies and music online
- Add maps, timers and other widgets
- Make money from your site with AdSense

Kind: Color
Resolution: 300 dpi
Size: 7.96 5.52 cm
Rotation Angle: 0°
☑ Detect Separate Items
Scan To: Pictures
Name:
Format: TIFF
Image Correction: Manual

Scan area

The main area of the window shows your scan and resizes it with the window.

Selections

One or more selections can be made. Each can be resized and rotated.

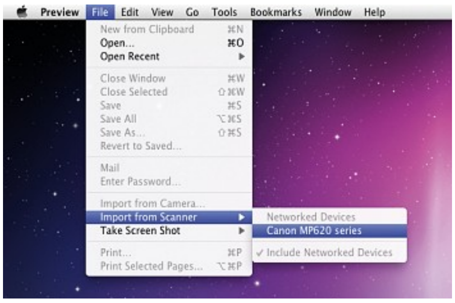
Controls

Menus, fields and sliders enable you to fine-tune your scan.

Buttons

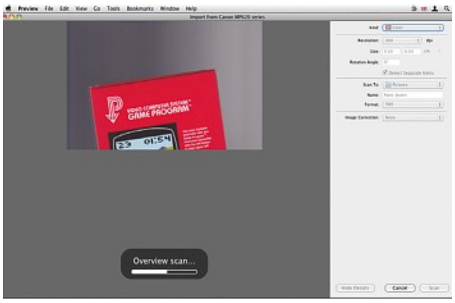
Hide/Show Details toggles between the window's two modes.

HOW TO / Scan using Preview


Preview
File
Edit
View
Go
Tools
Bookmarks
Window
Help
New from Clipboard ⌘N
Open… ⌘O
Open Recent
Close Window ⌘W
Close Selected ⇧⌘W
Save ⌘S
Save All ⌥⌘S
Save As… ⇧⌘S
Revert to Saved…
Mail
Enter Password…
Import from Camera…
Import from Scanner
Take Screen Shot
Print… ⌘P
Print Selected Pages… ⌥⌘P
Networked Devices
Canon MP620 series
✓ Include Networked Devices

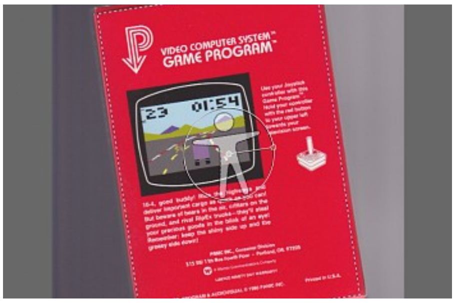
01 Get things started

Launch *Preview*. To bring up the **Import** window, go to File > Import from Scanner and select your scanner from the menu. If you're using a wireless scanner, you may have to select **Include Network Devices** before opening the menu again and selecting your scanner.


Import from Canon MP620 series
Overview scan...
Hide Details
Cancel
Scan

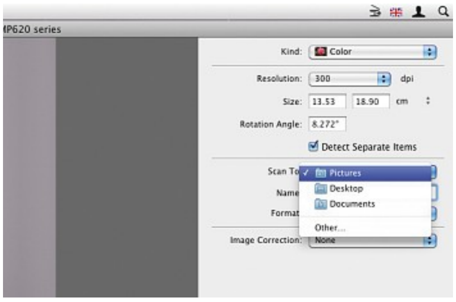
02 Create an overview

Your scanner should automatically create a preview (referred to as an 'overview'). If it's awful, move whatever's on your scanner and click **Overview** to start again. If the object you're scanning looks clear, but is at an angle, that's no problem – see the next step.


VIDEO COMPUTER SYSTEM™
GAME PROGRAM™
23 01:54

03 Define a selection

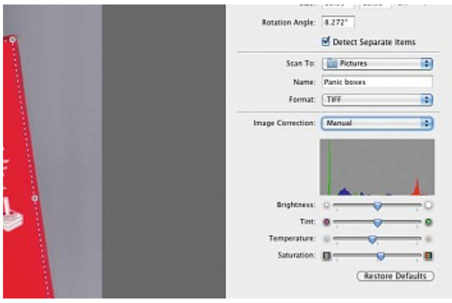
Preview will attempt to automatically surround your selection, but if your scanner lid's open, resulting in a dark background, you'll have to do this manually. Use the drag handles to resize the selection and drag the slightly off-centre one to rotate the selection.


P620 series

Kind: Color
Resolution: 300 dpi
Size: 13.53 18.90 cm
Rotation Angle: 8.272°
☑ Detect Separate Items
Scan To: ✓ Pictures
Desktop
Documents
Other…
Image Correction: None

04 Fine-tune settings

Within the sidebar, you can fine-tune settings. The default 300dpi resolution is fine for print, but when scanning solely for screen, go lower. Scans are sent to **~/Pictures**, but you can change this using the **Scan To** menu. You can also change the scan's name and format.

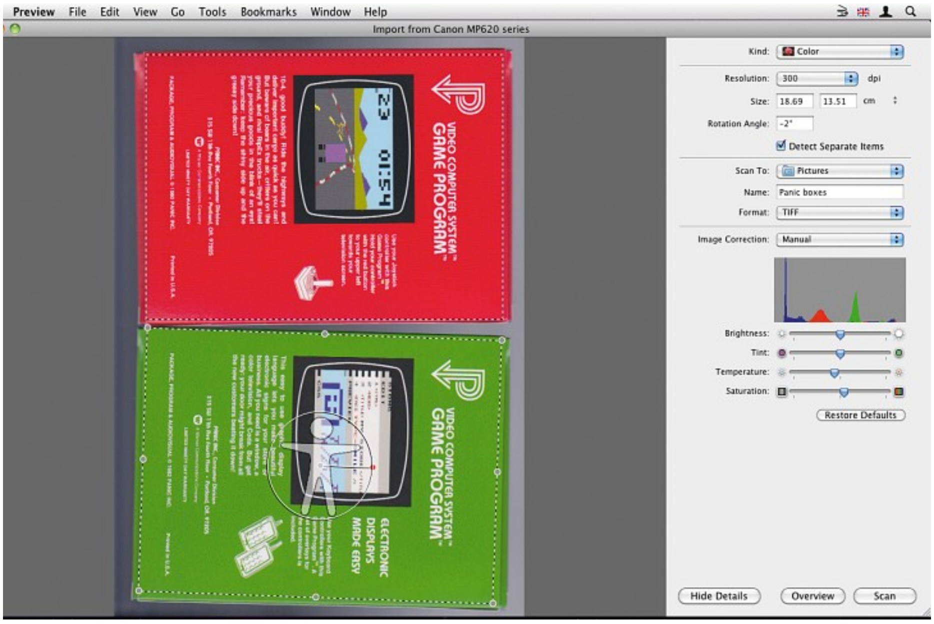


Rotation Angle: 8.272°
☑ Detect Separate Items
Scan To: Pictures
Name: Panic boxes
Format: TIFF
Image Correction: Manual

Brightness:
Tint:
Temperature:
Saturation:
Restore Defaults

05 Adjust your image

If you want to manually adjust your image, select **Manual** from **Image Correction** and use the sliders (although remember you can do this later in *Preview* or another app). When satisfied, click the **Scan** button. Your image will open in *Preview* for further editing.

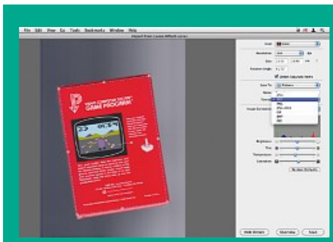

Preview
File
Edit
View
Go
Tools
Bookmarks
Window
Help
Import from Canon MP620 series
VIDEO COMPUTER SYSTEM™
GAME PROGRAM™
ELECTRONIC DISPLAYS MADE EASY

Kind: Color
Resolution: 300 dpi
Size: 18.69 13.51 cm
Rotation Angle: -2°
☑ Detect Separate Items
Scan To: Pictures
Name: Panic boxes
Format: TIFF
Image Correction: Manual

Brightness:
Tint:
Temperature:
Saturation:
Restore Defaults
Hide Details
Overview
Scan

06 Scan multiple items

Preview enables you to scan multiple items in a single pass. With the lid down on your scanner, checking **Detect Separate Items** should be enough for *Preview* to select each item. If that doesn't happen, resize the selection to surround your first item. Next, drag a second rectangle to create another scan selection. Each selection can be resized independently. If you add too many selections, you can delete one by selecting it and tapping **Backspace** or **Delete**. There's no undo for this, so be sure before you remove a selection. When you're done, click **Scan** and each selection will be scanned as a separate document, all of which will open in *Preview*, ready for further editing work. ●



QUICK TIP

Although the **Format** menu provides choices for your scans, the default, TIFF, is probably the best option. TIFF files are large, but the images have the highest quality. You can change a file's type and compression via File > Save As.

Use a headset and preamp

Enhance chat or voice recording apps with a headphone and mic set

KEY INFO

DIFFICULTY: Beginner

TIME NEEDED: Five minutes

WHAT YOU'LL NEED: A headset and a USB preamp

Headsets are useful things. Whether you're chatting to your friends using *iChat* or *Skype*, recording a podcast with *GarageBand* or adding a voice-over for your latest *iMovie* video, a set of headphones with a built-in microphone is handy to have around.

A Mac-compatible headset offers two 3.5mm jacks, one for the mic and one for the headphones. The Mac's audio-in port is designed to carry audio from external sources such as CD or MP3 players. If you simply plug the mic jack directly into your Mac, your voice will be almost inaudible. The solution to this is a USB preamp adaptor. Throughout this tutorial we'll be using a Sennheiser USB adaptor and headphone set.

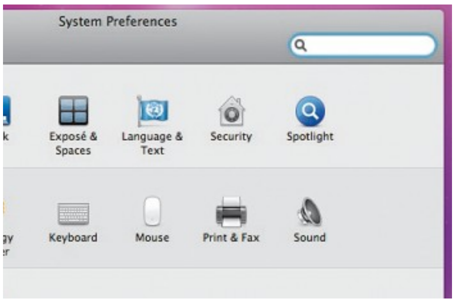
When broadcasting or recording your voice, remember to keep the microphone at a reasonable distance from your mouth – two or three inches is about right. If it's too close, you'll get popping noises when pronouncing certain letters, such as 't' and 'p'. And risk ending up sounding like a heavy breather!

Ian Osborne

HOW TO / Set up your headset

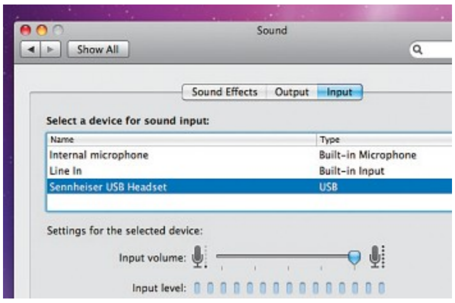
01 Get a USB preamp

You'll need a decent USB preamp, such as the Sennheiser adaptor pictured here. Connect it directly to your Mac, not through a USB hub, and then connect your headset to the preamp, channelling your headset's headphones and mic through the adaptor.



02 Sound preferences

To set up your Mac to use your headset's mic and earphones instead of the computer's own internal mic and speakers (where applicable), open *System Preferences*. You need the **Sound** preference pane, found in the **Hardware** section, last item in the second row.



Select a device for sound input:

Name	Type
Internal microphone	Built-in Microphone
Line In	Built-in Input
Sennheiser USB Headset	USB

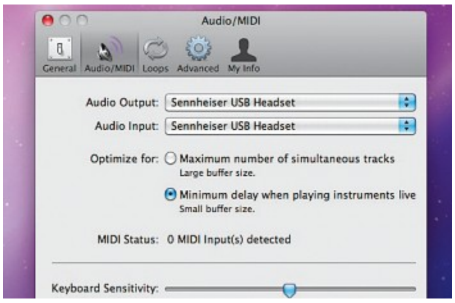
Settings for the selected device:

Input volume:

Input level:

03 Output and input

Your headset should appear as a device in the device list on the preference pane. To channel sound through your earphones, just click the **Output** tab and select your headset from the selection offered. Then click on **Input** and do the same for your microphone.



Audio Output: Sennheiser USB Headset

Audio Input: Sennheiser USB Headset

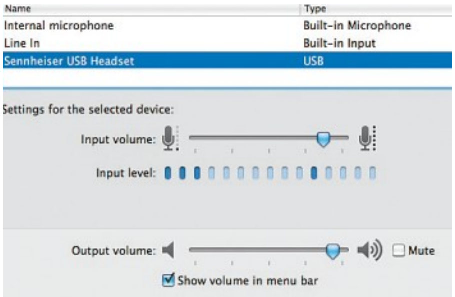
Optimize for: ○ Maximum number of simultaneous tracks
Large buffer size.
● Minimum delay when playing instruments live
Small buffer size.

MIDI Status: 0 MIDI Input(s) detected

Keyboard Sensitivity:

04 Application preferences

You may also need to change the audio preferences for apps you intend to use with the headset you've just connected before it will work. Here we see *GarageBand's* **Audio/Midi** preferences set up to use the headset using the pull-down menus.



Name	Type
Internal microphone	Built-in Microphone
Line In	Built-in Input
Sennheiser USB Headset	USB

Settings for the selected device:

Input volume:

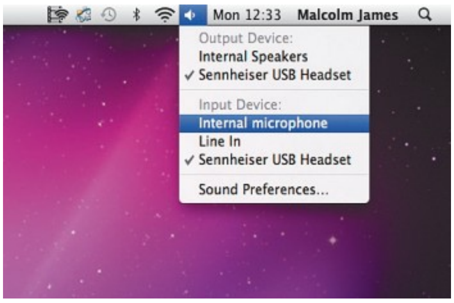
Input level:

Output volume: ☐ Mute

☑ Show volume in menu bar

05 Output/input levels

Output and input levels should also be set. When recording or broadcasting your voice, the input volume should be set so the input level peaks at around three-quarters maximum, to avoid popping and distortion. Output level should be set at a comfortable volume.



06 Menu bar tip

If you're using Snow Leopard, you can hold ⌥ and click on the volume control in the top bar to get a menu instead of a volume slider. From here, you can change input and output devices and open sound preferences. (This tip doesn't work with earlier versions of OS X.) ●

Issue 216
January 2010

Ultimate guide to iPhoto
Get fit with iPhone
Master Mac OS X file sharing
10 Apple milestones
On the disc
Advanced Link Manager, New Star Soccer, Crayon Ball

Issue 217
February 2010

Sort photos using GPS
Investigating Apple TV 3.0
Solid-state drive group test
Customise Mac OS X
On the disc
AppDelete 2.2.3, Mac-HaBu Bronze 10.3.2 and more

SOLD OUT!

Issue 218
March 2010

Never lose a file again!
Add other operating systems
Organise social networking
Top 10 iPhone apps
On the disc
Archive 5.5.1, Fresh 1.2.2, NTFS for Mac 6.5 Express

Issue 219
April 2010

Say hello to iPad
40 ways to improve a Mac
Cut the cost of buying a Mac
Stylise your snaps
On the disc
Curator 1.3, Captain FTP, Fun Booth 1 and more

Issue 220
May 2010

iWork: the ultimate guide
Do more in Snow Leopard
Aperture 3 reviewed
Macworld expo: the verdict
On the disc
iSoftPhone 2.7, R10Cipher 2, Tidy Up! 1.4.11 and more

Issue 221
June 2010

Get more done on your Mac
Five features of Adobe CS5
iPad Wi-Fi model reviewed
Get a free 3D desktop
On the disc
File Sheriff 1.4, ArtRage 2.5, Cake Shop 1 and more

Back issues

Want to order a back issue of MacFormat? Hurry – stock is limited!

You've only just missed...

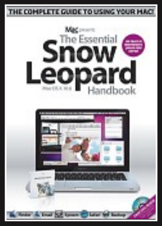
Issue 222 / Summer 2010

Power up iTunes
Add unmissable extras to the media player

Plus...
20 great Mac, iPod and iPhone tricks
iWork suite for the iPad – reviewed
Why games are coming to the Mac
Add class to photos in *Photoshop*
Keep your files safe and secure
Budget DTP apps group test

On the disc
Twit Menulet 6, RapidCart 1.0.15, Sudoku Epic 4.5, top shareware and more

Why not also try these...



Don't miss our special issues, but hurry – limited stocks available!
MacFormat Presents brings the expertise and experience of *MacFormat*'s writers to cover a single subject in its entirety. You can buy all of these special issues online at www.myfavouritemagazines.co.uk/macformatpresents.

To order back issues telephone +44 (0)870 837 4773
To buy online or to subscribe to MacFormat, visit www.myfavouritemagazines.co.uk

The all-new Digital Camera.

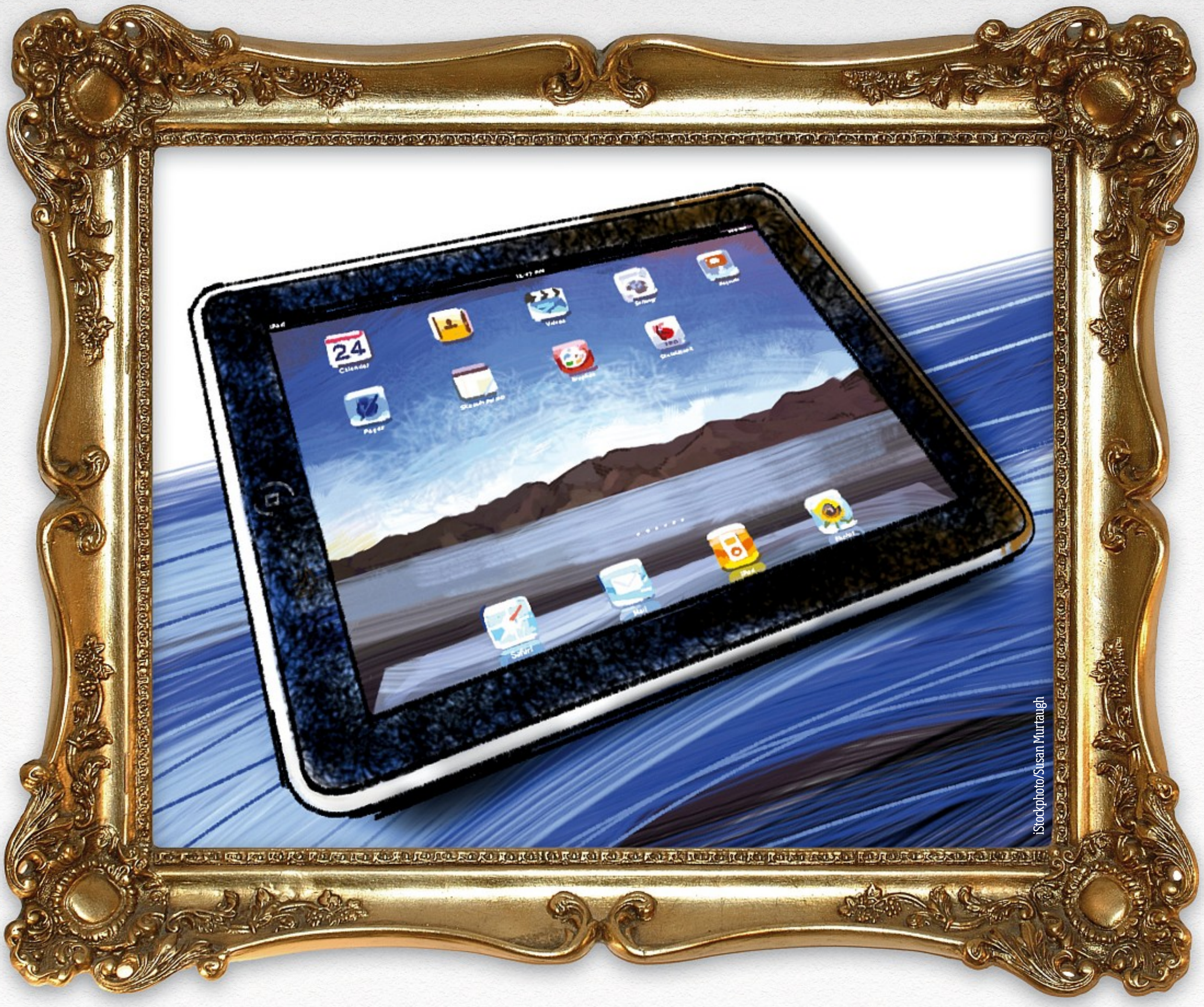
The definitive guide to SLR photography.

NEW LOOK! More techniques, more gear, more inspiration
£699 D-SLRS TESTED
Canon, Nikon & Sony go head to head
Digital Camera
The definitive guide to SLR photography
MAKE CASH WITH YOUR CAMERA p.18
10 THINGS TO TRY TODAY
Street portraits, creative sillhouettes, new angles, flower macros & more
You can achieve PERFECT PHOTOS
Follow our camera skills plan and take the shots of your life
TAKE GREAT FOOTBALL SHOTS p.10
KIT ADVICE
PHOTOSHOP
TECHNIQUE
Digital Camera PRESENTS
Teach yourself Photoshop
A complete 10-part course in Adobe Photoshop
PART ONE Photo editing basics
How it works
File types
Essential fixes
Printing and saving
Digital Camera PRESENTS
1 OF 3 COLLECTOR'S EDITIONS
Landscapes
52 pages of expert advice for your best-ever scenics
TECHNIQUES / INSPIRATION / KIT KNOWHOW

ON SALE NOW

All-new and improved mag with FREE video disc and 52-page landscape book.

See it today at www.photoradar.com/preview



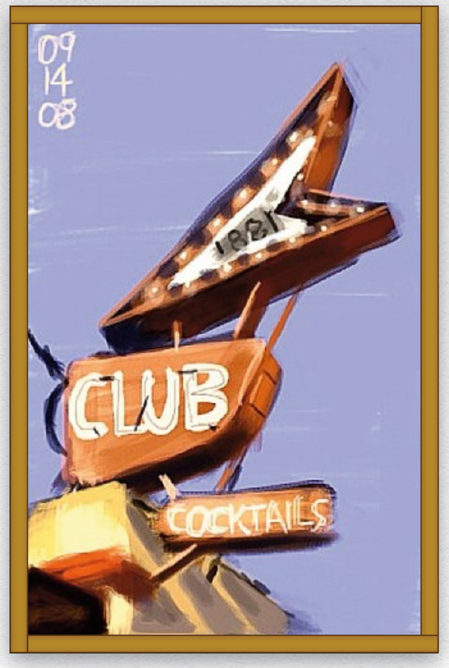
iStockphoto/Susan Murtaugh

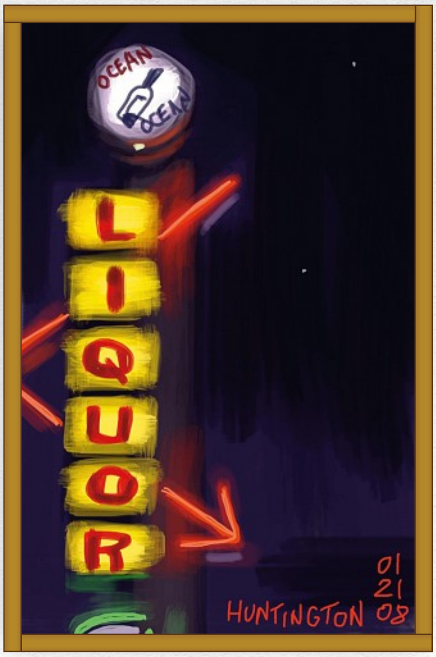
iPad masterpieces

An iPad or iPhone is much more than just a high-tech gadget, it can produce stunning works of art. **Alex Thomas** unpacks his sketchbook and delves into the world of iPad paintings

Finger painting is no longer just for kids. There is a growing community of online artists who use the iPad and iPhone to create exciting and vibrant artwork using just their fingers. Thanks to programs like *Brushes* and *SketchBook Pro*, there's also an ever-growing community of 'finger painters' on social networking sites such as Flickr and Facebook, where they upload artwork straight from their iPads or iPhones to share with the world. You can even see videos of how they have put the paintings together. Meanwhile, professional painters and illustrators – such as renowned British artist David Hockney and comic-book legend Jim Lee – are joining in the fun by using the iPad and iPhone to create fantastic works of art and sharing them with friends and fans. Even highbrow US magazine *The New Yorker* featured a cover painting, created on the iPhone, by illustrator Jorge Colombo.

Over the next four pages, we'll introduce some of the iPad artists who are making a name for themselves.





Stef Kardos

stefsketches.blogspot.com

Disney animator Stef Kardos is one of the true pioneers of finger painting on the iPhone. His 50s' diner images, inspired by his current home of California, were some of the first to appear online and show off the power of the *Brushes* app. He tells us, "I love painting and sketching on location; the light here in Southern California, the sunsets and the city views of LA at night from the mountains are superb; but painting a sunset live as the sun goes down is very challenging with traditional media. The iPhone came in handy for me, as it gave me the opportunity to be spontaneous; and most of all, it enabled me to paint outdoors, not from a photo in my studio." As for his next step, Stef says he is looking forward to getting an iPad, having seen what his colleagues at Disney have started doing with it already.

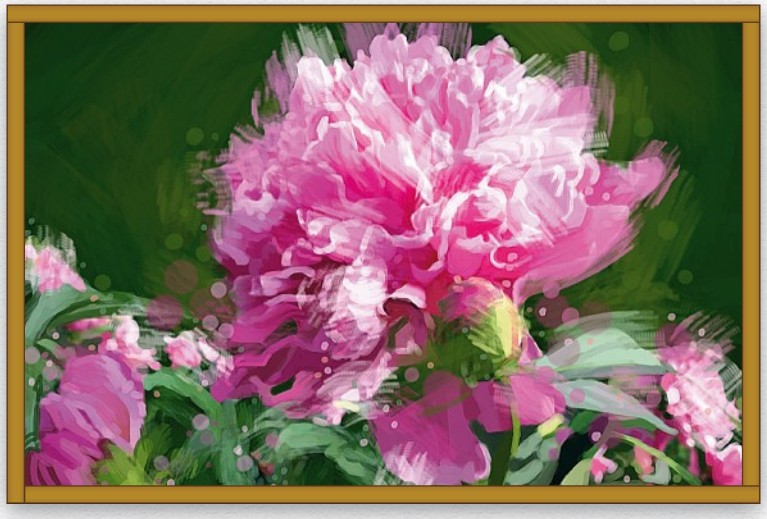
Susan Murtaugh

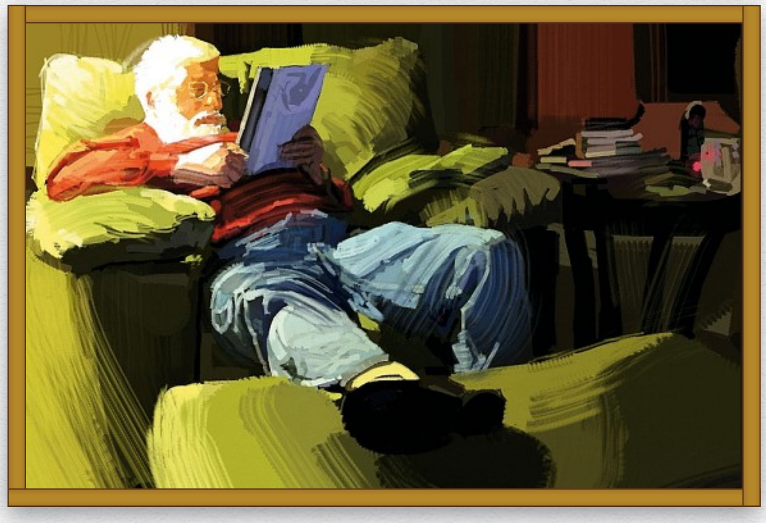
www.fingerpainted.it

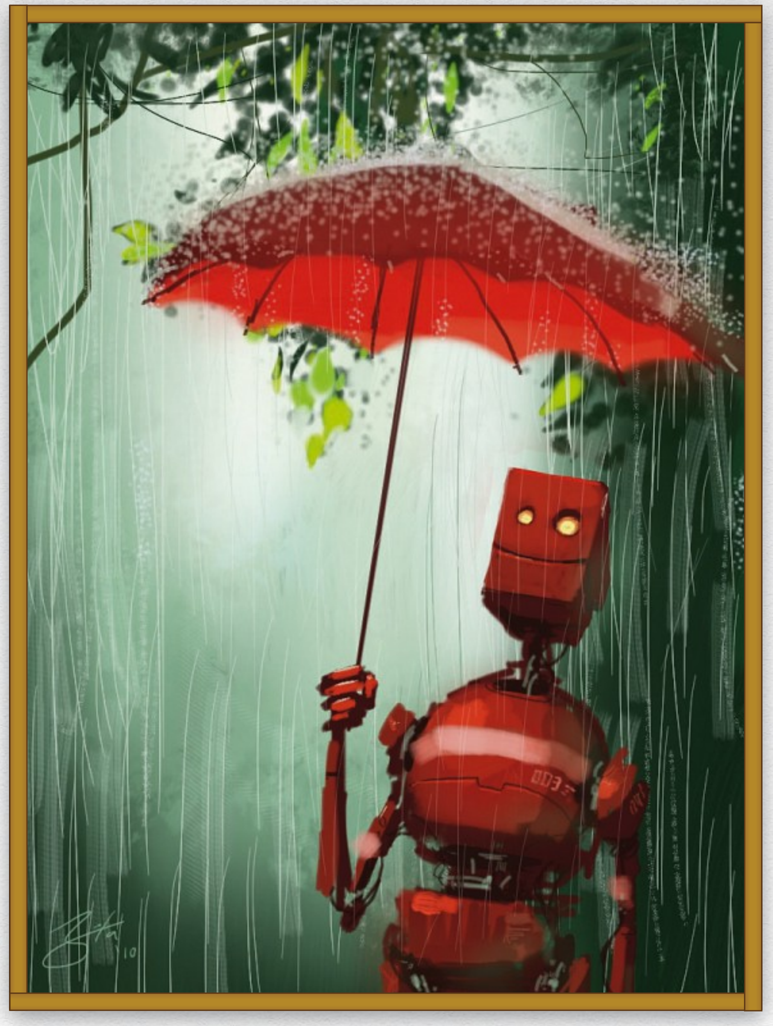
Retired artist Susan Murtaugh is the co-author of finger-painting website **www.fingerpainted.it** and is one of the leading lights in the finger-painting community. "The Flickr community is host to so much unbelievable talent, it is hard not to be inspired and encouraged to do better work," she says. She herself was inspired by Disney artist Stef Kardos (see artist above) to pick up an iPhone, and then an iPad, as she embarked on what she refers to as her new 'iCareer', using *Brushes* and *SketchBook* to create some stunning paintings.

When asked what the future holds for iPad painters, she says: "My iPad is the most cherished piece of equipment I own today. It fits in my purse and so it's not a problem carrying it around and using it at a moment's notice. I have literally "handed off" my aging MacBook Pro and do not feel the need to replace it. In fact I look forward to the iPad's future development; can one with a camera and full printing capability be far off?"

When asked whether painting on the iPad will prove to be a short-lived fad, she says: "I have been teaching all the sixth-grade classes in my county about art on digital devices and the enthusiasm – and how fast the kids pick up the apps and use them – shows me that the need and want is there. The iPad is also considerably less expensive than I originally thought it would be, so I think they'll be around for a long time to come. "







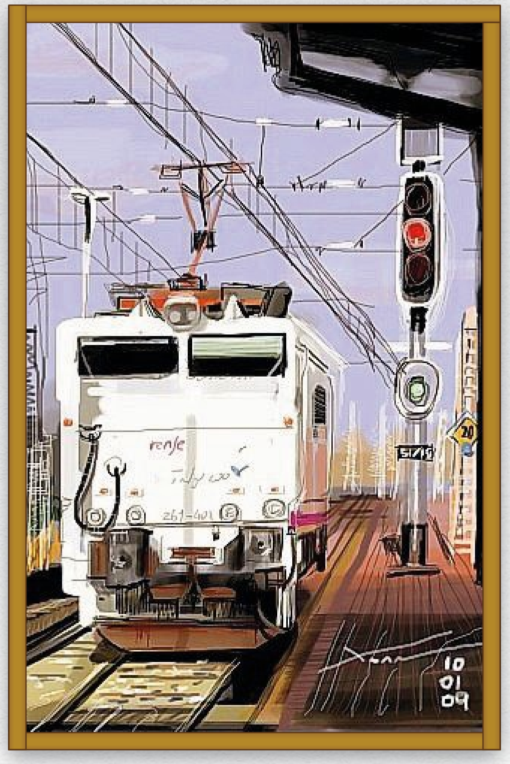
Goro Fujita

www.gorillaartfare.com

Animator and concept artist Goro Fujita has been painting with *Brushes* on the iPhone since it was launched. Graduating from finger painting to using a Pogo stylus, he was quick to upgrade to the iPad as soon as it was unveiled. "I loved the feel of [the iPad] and the software packages like *Brushes* and *Sketchbook Pro* were a lot more responsive and faster than on the iPhone. I didn't hesitate a second to get myself an iPad."

Goro uses both *Brushes* and *Sketchbook Pro* on his iPad. "*Brushes* is the faster tool, and since I'm in direct contact with the creator I can give him feedback and it doesn't take long until he implements new features. I also like the simple interface, and the tools are easy to reach. Every action gets recorded and you can play it back instantly or export it to your Mac and watch your painting process. You can even play it back at a higher resolution without quality loss, which is an amazing feature. Although in *Brushes* you can't draw dots yet." When asked about the difference between painting on the iPad and a more traditional way of working, he says the best thing is "the possibility to undo your actions and transform your layers."

As for how he views the future of painting on the iPad, he says: "The iPad has a really nice size and I love painting on it. This is the first generation and the applications are getting better and better. The hardware still needs some improvement, like pressure sensitivity, but that's only a matter of time. I think the iPad is perfect as a digital portable sketchbook."

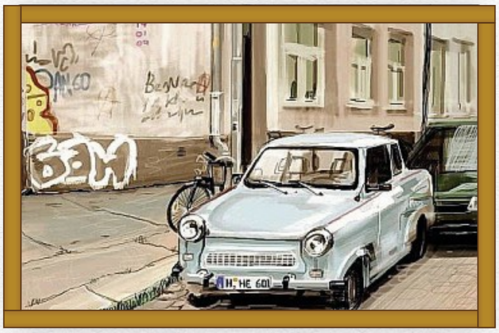


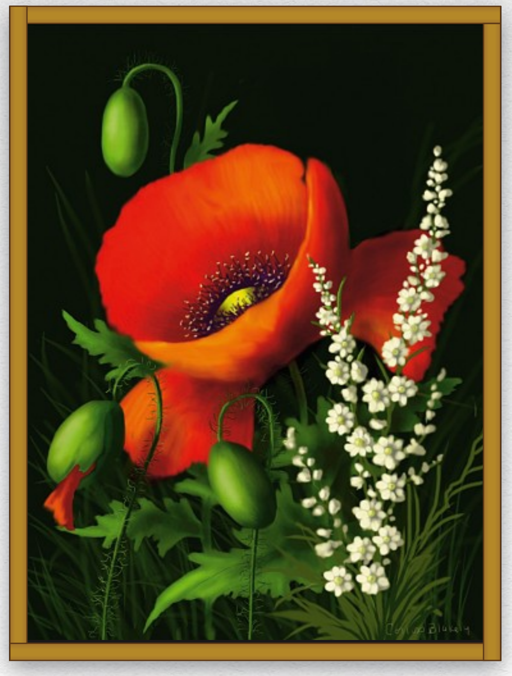
Xoan Baltar

xoanbaltar.blogspot.com

Self-taught Spanish painter Xoan Baltar believes he is continuing the tradition of Spanish masters by releasing his iPhone paintings to the world via Flickr and YouTube. As well as helping to develop the second incarnation of *Brushes* alongside its creator Steve Sprang, Xoan was one of the first iPhone artists to upload videos of his paintings to YouTube to show off his techniques to the world. "The drawings are very diverse; they can take 20 minutes to do or even two hours." The YouTube videos were a direct response to online fans speculating about whether his paintings were retouched photographs, as well as to show how quickly he could create such stunning pieces of art.

When asked what his next step with his artwork is going to be, he says: "Currently I'm preparing an exhibition of paintings done on my iPhone. I can print on canvas and the results are amazing."



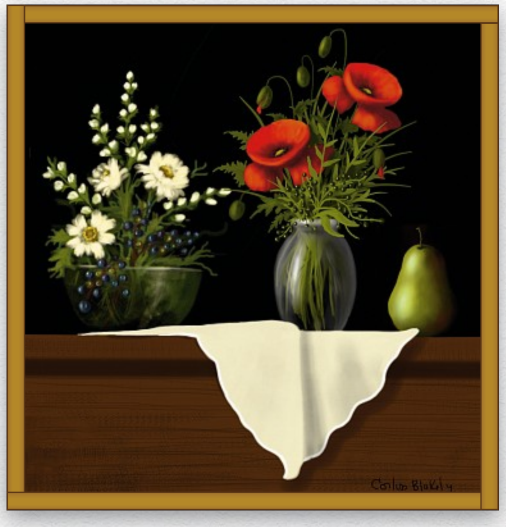


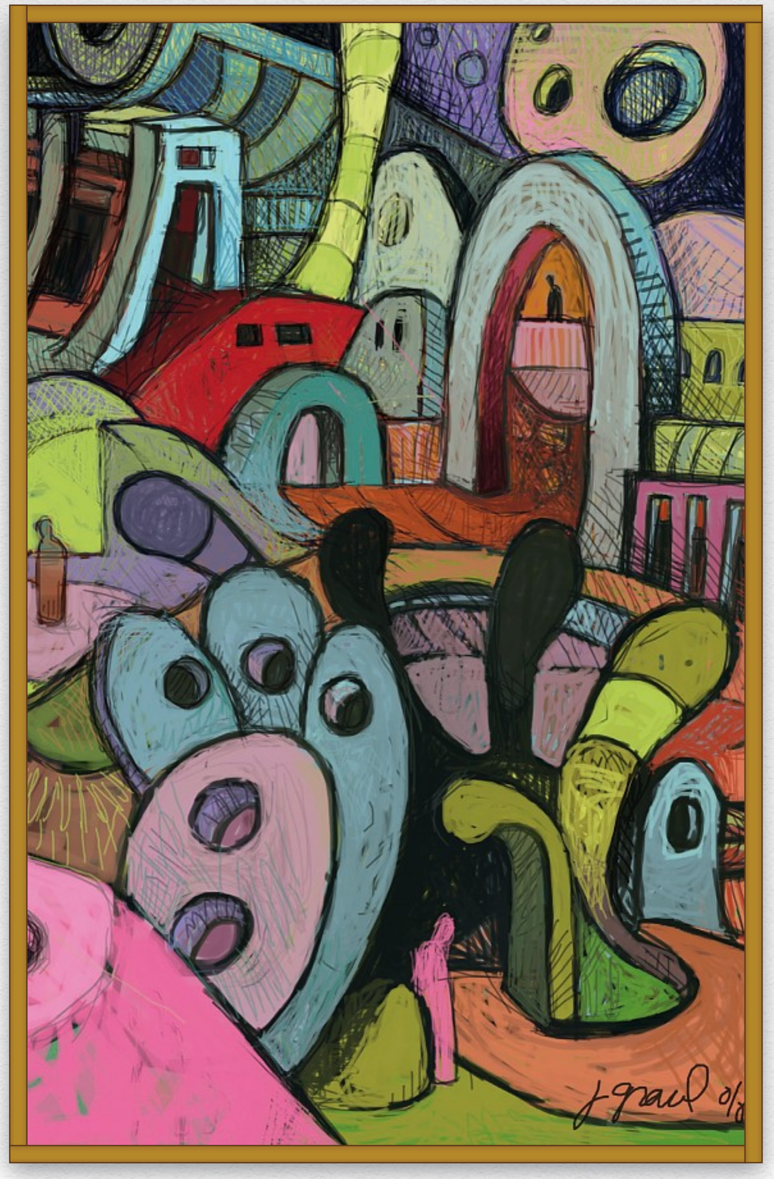
Corliss Blakely

www.artistinvermont.com

Vermont-based painter Corliss Blakely got into painting on her iPhone almost by accident. "I was at my studio about a year ago waiting for a panel to arrive for a commission. I had some extra time so I picked up my phone and thought I would try a few painting apps. I immediately knew that I had found a new medium. I bought the iPad the day it came out and had a painting on the internet that night."

"I think the iPad is the new canvas for artists. It will give freedom to artists that have been working in the studio for years. It is so portable, you can take it anywhere and paint on location or display your new works to clients – not to mention send it out to the world with a click of your finger. In the summer I live on an island with only solar power, so the iPad 3G will be perfect to send my art out into the world."





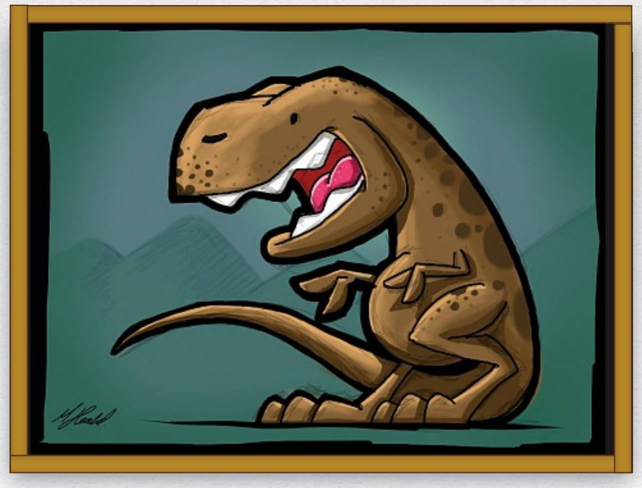
Jonathan Grauel

www.bluestudioonline.com

Abstract painter Jonathan Grauel had been painting in acrylics and oils for more than 20 years, but it was a freak accident that saw him take up painting on the iPhone. "In 2008, I had an accident with a table saw that left me without an index finger. I'm also unable to bend my middle finger and have limited sensitivity in my thumb. Unfortunately, it was my left hand and I am a lefty. After the accident my wife and friends surprised me with an iPhone. I soon discovered painting and drawing applications.

"For the most part I 'paint' the same on the iPad/iPhone as I do on canvas, but with a lot less clean-up. I begin with an initial sketch to work out the composition, then add in larger shapes for colours or tones. Next, I build on it layer after layer, adding line, colour and shape. I just use my finger – I like the direct interaction with the art and it feels more natural than a stylus. My damaged middle finger doesn't bend, and so it became a great new drawing instrument."

When asked what he would like Apple to improve on the iPad for painters, he admits: "I would love to be able to project from my iPad as I draw. As the touch sensor technology improves, I hope the control and variation of marks in my iPad drawings will increase as well."

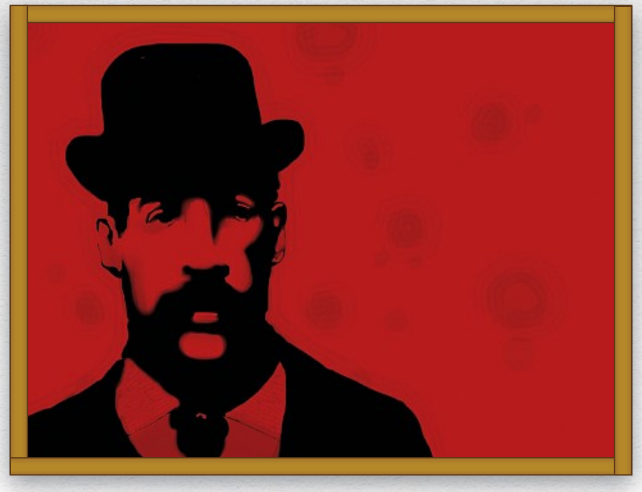


Michael Heald

www.fullyillustrated.com

Animator and games designer Michael Heald is another artist who leapt at the chance to create using an iPad. "As soon as I heard about the iPad I immediately got very excited about the prospect of using it as a portable digital sketchpad. But to my horror, there wasn't going to be a stylus included. 'Finger painting? Apple, are you serious?' I thought. Unsurprisingly, drawing on the iPad with my finger seemed very, very primitive and I was almost ready to give up within 20 minutes, but something made me persevere and I'm glad I did! The essence of being able to carry all your art tools around in one very slim digital device is just fabulous. In my opinion, the iPad will become as essential as the Wacom tablet in time.

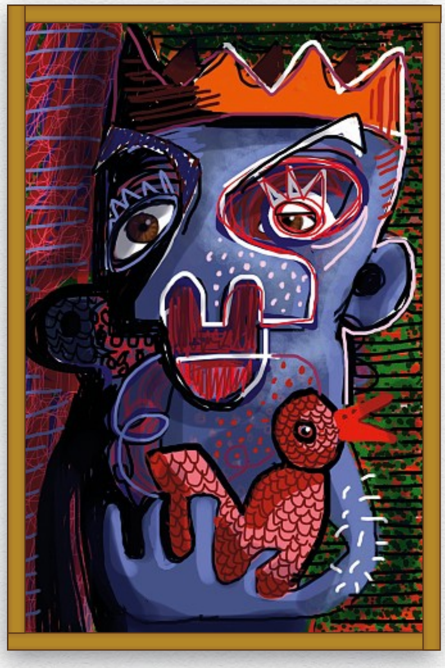
"I think my next step is to expand my abilities from a technical standpoint. I'm very rusty at painting due to using vectors for so many years, so my short- and long-term goal is to be able to use this device to create final artwork."



Kevin Barba

www.kevinbarba.com

Character artist and illustrator Kevin Barba bought an iPad on launch day and hasn't stopped sketching since! "Using the iPad has helped give me a chance to take a fresh look at my art and look back and re-teach myself the basics of drawing" he tell us. "I recently began doing gesture drawings and I am working on creating loose storyboards so that I can better communicate stories in my art. " When asked how it has changed the way he works he says, "As funny as this is, I still find myself sketching thumbnails out on Post-It notes before I begin a piece on *Brushes*. I will for a majority of sketches use my finger for painting. I recently picked up a Pogo Stylus and the Apple iPad case, which has come in handy creating a more comfortable angle of the screen when I work at my desk. I know some iPad artists use custom-cut gloves to avoid accidentally calling up any multi-touch commands, but I don't think that is entirely necessary yet."

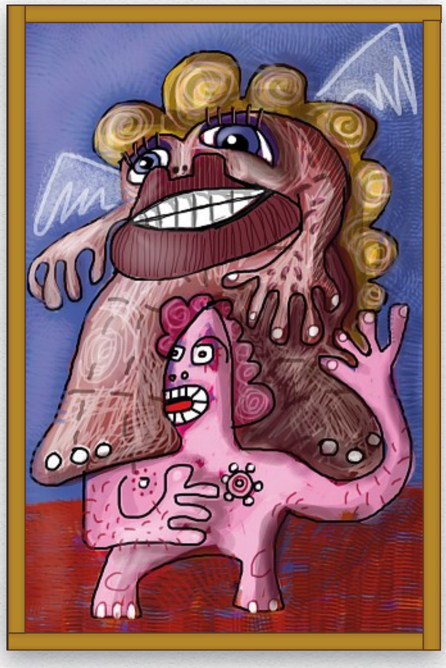


Fabric Lenny

www.fabriclenny.co.uk

Prolific image-maker Fabric Lenny has been painting with his iPhone for just over a year, after being inspired by pop artist David Hockney. "His images remain some of the most vibrant and inspirational created using the device." A keen fan of the *Brushes* app, Lenny already sees it as an essential part of his image-making toolkit. "It has really developed since the early versions, and is very intuitive to use. The ability to output high-quality, print-ready files via Wi-Fi is a real bonus."

When asked what he sees as the future for the iPhone as a painting device, he says: "For now the iPhone will remain a way for me to create new images, although I do look forward to the release of the iPad in the UK, as I'm keen to explore the benefits that its large screen offers the artist."



Q&A

HINTS & TIPS ● TROUBLESHOOTING ● EXPERT ADVICE ● ESSENTIAL INFO

>> MEET YOUR Q&A EXPERT

Whatever your Mac-related problem, from misbehaving MacBooks to a wireless networks, Luis Villazon can help.

>> ASK LUIS A QUESTION

Got a problem with your Mac? Then why not send your queries to Luis at **macformat.helpline @futurenet.com** and see if he can help.

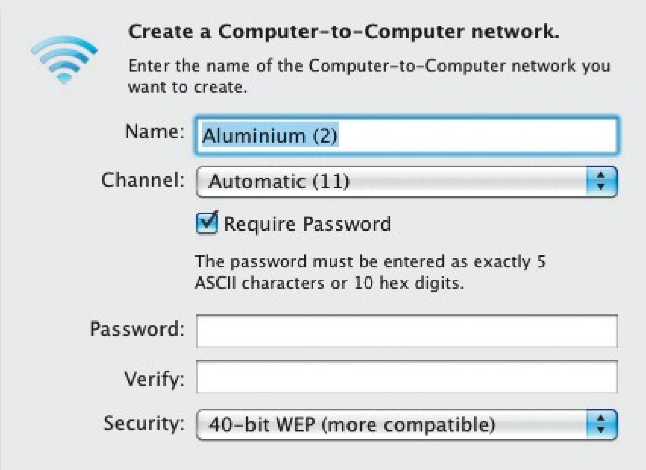
"Why does Wi-Fi only work next to the router?"

Q **I have a MacBook and a password-protected Netgear router/Wi-Fi network. When I operate my Mac next to the router on Wi-Fi, it accepts the password I have set up in the protocol. When I move to another room where the Wi-Fi signal is still strong (and my wife connects her PC by Wi-Fi) it asks for the password. Even though I input the password correctly it will not connect – it says 'timed out'.**

Rupert Cox

A I'm coming across reports recently of MacBooks that abruptly lose Wi-Fi signal strength. The Wi-Fi icon will still report good signal strength because this is measuring the signal received from the router and the problem doesn't affect the receiver. But when your MacBook tries to connect, it doesn't transmit with enough power to reach the router unless the range is virtually zero. It's too early to tell if this is a faulty aerial connection or if the Wi-Fi card is entering a low power mode at inappropriate times. It almost doesn't matter really. All the cases I have seen where the problem is fixed for good, have involved replacing the internal Wi-Fi card, rather than any of the usual driver/firmware/PRAM updates and resets. You can get the Wi-Fi card replaced at an authorised Mac service centre or you can buy a replacement unit on eBay and fit it yourself. There are how-to guides at www.iFixit.com.

Tick 'Require Password' when creating a Wi-Fi network, to automatically enable WEP or WPA encryption.



Create a Computer-to-Computer network.

Enter the name of the Computer-to-Computer network you want to create.

Name: Aluminium (2)

Channel: Automatic (11)

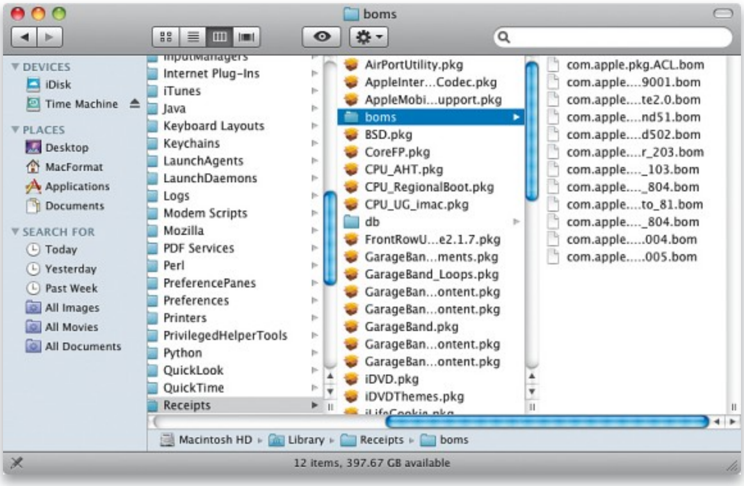
☑ Require Password

The password must be entered as exactly 5 ASCII characters or 10 hex digits.

Password:

Verify:

Security: 40-bit WEP (more compatible)



boms
DEVICES
iDisk
Time Machine
PLACES
Desktop
MacFormat
Applications
Documents
SEARCH FOR
Today
Yesterday
Past Week
All Images
All Movies
All Documents
InputManagers
Internet Plug-Ins
iTunes
Java
Keyboard Layouts
Keychains
LaunchAgents
LaunchDaemons
Logs
Modem Scripts
Mozilla
PDF Services
Perl
PreferencePanes
Preferences
Printers
PrivilegedHelperTools
Python
QuickLook
QuickTime
Receipts
AirPortUtility.pkg
AppleInter...Codec.pkg
AppleMobi...upport.pkg
boms
BSD.pkg
CoreFP.pkg
CPU_AHT.pkg
CPU_RegionalBoot.pkg
CPU_UG_imac.pkg
db
FrontRowU...e2.1.7.pkg
GarageBan...ments.pkg
GarageBand_Loops.pkg
GarageBan...ontent.pkg
GarageBan...ontent.pkg
GarageBand.pkg
GarageBan...ontent.pkg
GarageBan...ontent.pkg
iDVD.pkg
iDVDThemes.pkg
com.apple.pkg.ACL.bom
com.apple....9001.bom
com.apple....te2.0.bom
com.apple....nd51.bom
com.apple....d502.bom
com.apple....r_203.bom
com.apple...._103.bom
com.apple...._804.bom
com.apple....to_81.bom
com.apple...._804.bom
com.apple.....004.bom
com.apple.....005.bom
Macintosh HD
Library
Receipts
boms

12 items, 397.67 GB available

Software Update stores information about installed files in lots of different places.

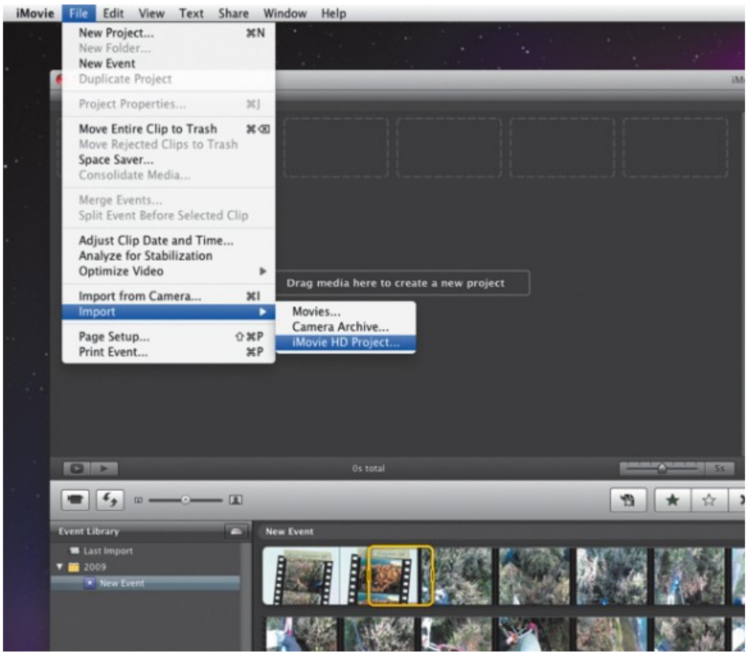
"Why can't I write over to my PC disk anymore?"

Q **I am fairly new to Apple Mac and have a hard drive where I kept photos from a PC. I can access them, but it's read-only. Is there a way to make them Mac-friendly for *Elements 8*? I have tried the permissions process, but it just does not give me permission to change my permissions!**

Bernard Minns

A This is because your PC disk will have been formatted for the NTFS filing system. Snow Leopard will read NTFS volumes but it doesn't allow you to write to them. At least not by default. Write support is hidden away in the Snow Leopard kernel and you can enable it if you know how. You can google the *Terminal* commands to do this, if you like, or else use the utility at http://ntfsmounter.com to do it for you.

A word of warning though: it's possible that writing to NTFS volumes was disabled for a reason. Perhaps there are subtle conflicts with HFS+ or maybe the write code hasn't been properly tested yet. If you don't need to access the disk from a PC anymore, it probably makes sense to back up the data and reformat the disk for HFS+, if you can.



iMovie '09 will import your old movie projects and doesn't have the limitations of '08.

"Continuously updating HP printer driver"

Q This problem started with Snow Leopard, *Software Update* shows an update for my HP printer driver. The problem is the update version is always the same. *Software Update* is trying to update my driver for nothing.
Can Sürmeli.

A When *Software Update* downloads a driver or update, it records this in several places. There is the InstallHistory.plist file in /Library/Receipts, which contains info on updates, but the package file for each app is also stored in this folder. There is a hidden folder at /private/var/db/receipts that contains BOM and plist files for each update as well. The BOM (Bill Of Materials) lists all the files that pertain to the update or app. I've tried to work out the relationship between all these different kinds of receipts and which ones *Software Update* actually pays attention to when deciding if you should download a newer one. It's complicated… But if you keep seeing the same driver offered by *Software Update*, then files in this web of bureaucracy could be corrupted. Or, it may be you have manually installed a driver for this printer and the installer didn't correctly register it with *Software Update*.

Probably the simplest way to reset *Software Update* is to remove the printer driver completely and then download the latest version afresh. You can do this the hard way, by poking around hidden folders with *Terminal*, or you can use something like *Print Therapy* from www.fixamacsoftware.com to zap it for you.

"Can I get an older version of iMovie for my tapes?"

Q I've read there is a copy of *iMovie HD* in the Applications/iMovie (Previous Version) folder. Even before I upgraded to Snow Leopard I couldn't find this. I would love to still have a copy as I have half-finished movies and ones that need updating from tapes.
Mike Guttridge

A *iMovie '06* (or *HD*) was retained if you had *iLife '06* and upgraded to *iLife '08*. For everyone else, Apple offered a free download of *iMovie '06*. However, when *iLife '09* was developed, Apple merged the feature sets of the two versions. Consequently the download link doesn't exist on the Apple website anymore. I haven't checked whether upgrading from *iLife '06* to *iLife '09* will retain the legacy version of *iMovie*; I would imagine not. You can probably buy a copy of *iLife '06* on eBay if you really wanted.

»

Mac OS X at your service

Bill Gallop

One part of Mac OS X that you may not have paid much attention to is the Services Menu.

In Mac OS X Leopard, the Services Menu, really a sub-menu but I won't quibble, only appeared within the Application Menu (the one that says the name of the application that is currently frontmost). In Snow Leopard it also appears in the Action Menu (the pop-up with the picture of a gear wheel in a *Finder* window) and Contextual Menus (which pop-up when you either control-click or right-click on something). As an aside, there are many interface bits that people don't know the name of, see those triangles in *Finder* list views that you click on to see what's in a folder? They're Disclosure Triangles.

The Services Menu has also had a bit of a clean up. It used to show all services installed on the computer no matter what app you were running. Now, and in all three places, it only shows the services that are relevant to what you are doing and so it is much easier to work with.

So what is the Services Menu all about? Essentially services are small bits of software that do something with something else. You select the item that you want the service to do something with, e.g. a file or a piece of text, then select the service and enjoy the result. As an example, you could select a file and then choose to create a new email with that file as an attachment or select some text and then have the Mac read it aloud to you.

> *"The big news in Snow Leopard is that you can now make your own services using Automator… and it's simple"*

Some applications will automatically install services, such as *BBEdit* with which you can grab some text and open a new *BBEdit* document. But the big news in Snow Leopard is that you can now make your own services using *Automator*.

As with everything else that you can do with *Automator*, creating a new service is simple. Open up *Automator*, select the Service template and you will have the shell of your service. Before adding anything else, you can select what you want to take as your input, e.g. text that has been selected, a PDF file or nothing at all. You can then restrict the app that you want this service to run in. Having set up the basics you can build a standard *Automator* workflow to manipulate the item that has been passed to the service. All you then need to do is name it and save it and it will appear in the Services Menu.

Bill is Mac Solutions Consultant for Equanet (www.equanet.co.uk). Each month he will share his knowledge with you, from upgrading your operating system to the advantages of RAW files.

»QUICK TIP

As well as letting you view image files easily, you can use *Preview* to convert from one file format to another. Simply chose File > Save As and choose a different file type from the **Format** drop-down list.

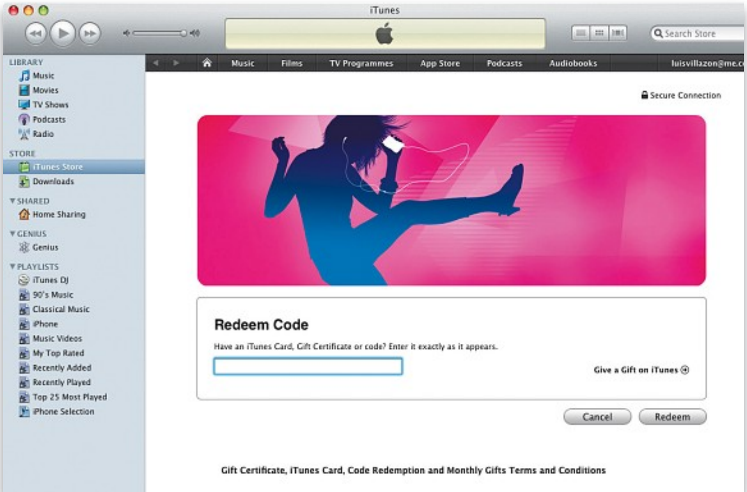
"How do I restore my hacked iTunes account?"

Q My iTunes account has been hacked by someone in China. I stopped the credit card but Apple want me to add new credit card details to the account page to pay for the two fraudulent items and only then can I change the ID, email and country back. They have offered me a £5 iTunes voucher as a way of paying the money back to me after I have done this.

I am unable to change the page back to English or edit the Apple ID until I have added new credit card details. Any information changes should be emailed to the Apple ID account, but this is still the Chinese account, hence if I add new details the hacker will be able to see the updated information.

Apple's appalling customer services are only accessible through email with no phone contact option. They see no problem with me burning another credit card, they refuse to help in any way and keep repeating the info they send to me. They have continually stated the compromise was at my end, the result of phishing or a Trojan. How can I get the account back to English?

Steve Richardson



Redeem Code

Have an iTunes Card, Gift Certificate or code? Enter it exactly as it appears.

Gift Certificate, iTunes Card, Code Redemption and Monthly Gifts Terms and Conditions

You don't need a credit card to pay for purchases on iTunes – you can use gift certificates.

A I can think of three ways to handle this sort of dispute. The 'consumer champion' approach is to write an actual paper letter to Apple iTunes (8 Rue Heinrich Heine, L-1720, Luxembourg) and outline your case and what you want them to do about it. Or else call the toll-line for support on 0844 209 0611 and keep a note of how much you spend so that you can claim this back in compensation later. If you do this, don't expect the matter to get resolved in a single pass. You will need to slowly climb the chain of command, as you doggedly restate your case until someone is prepared to authorise the changes you need. Unless the sums involved are large or you actively enjoy this sort of thing, I don't recommend this course.

Option two is to buy an iTunes gift card to clear the debt on your account. You don't need to do this online – you can buy them in supermarkets. If Apple is simply holding your account locked until the outstanding items are

»MACFIXIT TIPS /Mail using large amounts of RAM

Mail's memory footprint depends on how you use it, but it should take up around 50MB and 200MB of memory. However, some people run into problems where *Mail* will spike in RAM usage, resulting in system slowdowns. If this occurs, try the following:

1. Use Safe Mode

In an Apple Discussion thread (**http://bit.ly/dBxzvu**), a few people have had success by booting their systems into Safe Mode, running *Mail*, and then rebooting normally. Doing this will clear some caches that may contribute to the problem, and is easy to do (hold ⇧ at startup). You can use *OnyX* or another maintenance utility to run system cleanup scripts, especially those pertaining to the user account.

2. Rebuild Mailboxes

Select one or all of your mailboxes and choose **Rebuild** from the **Mailbox** window. This will ensure the items in the mailbox are indexed and available to the program, and clean up any errors with your messages. You can also reindex your inboxes by closing *Mail*, moving them from the **/username/Mail/** folder (they will be prefixed with 'POP-', 'IMAP-', or 'Exchange-') and then launching *Mail* again. This will recreate the inboxes and repopulate them with files from the server. Remember this will not save messages you have deleted from the server, so you may lose some messages if you do not save them. Do this first by right-clicking the mailbox in *Mail* and choose **Archive Mailbox**.

3. Remove attachments

Mail renders attachments in messages for easy viewing; however, this may be what is causing the high memory usage. Clear out messages that have attachments or are formatted in HTML and load content from the net when you view them.

4. Remove preferences

Try removing the preference file for *Mail* (called **com.apple.Mail.plist** and located in the **/username/Library/Preferences/** folder) and then relaunch *Mail*. You will need to enter your mail account info again, so be sure to write this down before removing the file, but your mailbox organisation and previously downloaded messages will be preserved.

5. Reapply the latest combo updater

As a blanket solution for occasional problems with Apple-supplied software, you can try reapplying the latest 'Combo' updater for your system. Search through Apple's support website (**http://support.apple.com/downloads**) for the most recent one pertaining to your version of OS X (Tiger, Leopard, Snow Leopard – avoid the 'Server' versions), and download it. Then reboot into **Safe Mode**, run a permissions fix with *Disk Utility*, and run the updater.

MacFixIt
Troubleshooting Solutions for the Macintosh
Tips supplied by MacFixit.com

MACFIXIT TIPS / Recover files from Time Machine after a failed transfer

When transferring data from your older Mac onto a new one using *Migration Assistant*, it is possible that all the files may not transfer correctly. If you have a *Time Machine* backup, all is not lost!

The situation

Say, for instance, a company welcomes a new employee to the fold and needs to do some computer swapping. They will need to transfer files from an older MacBook Pro to a newer one after doing a clean install of Mac OS X 10.6.3 Snow Leopard (using a retail disc). Once Snow Leopard is installed on the newer MacBook Pro, they connect the older MacBook Pro via FireWire during the initial setup process to transfer the older information. The transfer seems to go through without a hitch – all the information appears to be in order and the newer MacBook Pro looks the same as the older one. They then do a clean install on the older MacBook Pro to prepare it for the new employee. However, two days later, they receive a phone call informing them that the original files have not been completely transferred from the older MacBook Pro to the newer one. The entirety of the Desktop folder has copied just fine (which is why it looked to have been a successful transfer), but the sub-folders within the user account have not made it. Fortunately they used *Time Machine* (backed up to their internal server) to keep up-to-date backups. Normally, one would be able to access their *Time Machine* backup and recover files that they needed from their machine's history. However, since the files needed to be recovered to a different machine, using the *Time Machine* application was not an option.

The workaround

Though it may not be the most elegant solution, this workaround is effective in recovering your files. Simply navigate to Applications > Utilities and open Migration Assistant.

Using *Migration Assistant*, you can restore from a *Time Machine* backup as a new user on your current machine. Once the new information has transferred, simply access the files you need from your new user, drag them to the system level of your machine, switch to your original user and drag them to your desired location on your hard drive.

You may need to enter your administrator password in order to move some files. Remember, though, these files are copied, so be sure to trash the system level versions after placing them in your original files.

MacFixIt
Troubleshooting Solutions for the Macintosh
Tips supplied by MacFixit.com

paid for, this should be enough to regain control and you can then change the account details before you add a new credit card. If Apple is going to give you a voucher to cover the cost of the fraudulent use anyway, you won't be out of pocket.

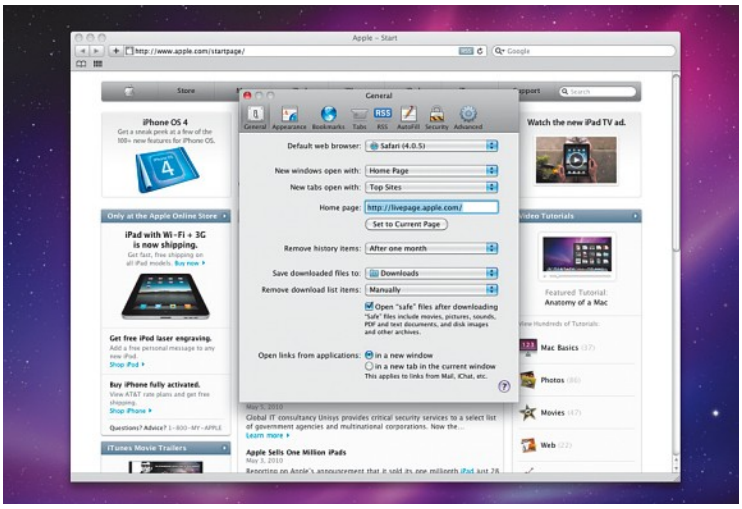
And the 'scorched earth' option is just to abandon that account completely and start a new one with a different credit card.

"How do I bypass the BT FON homepage?"

Q I am using a 20-inch iMac with Snow Leopard connecting wirelessly to the internet with a BT Home Hub 2. This has been working well until recently when starting up; instead of opening my home page I am directed to btopenzone.com with the message "Welcome to this BTFON Hotspot". A link on this page gives detailed instructions for Windows users on how to avoid this website, but there is little information for Mac users. How can I connect directly to my homepage?

Tony Tandy

A You can change your homepage to anything you like simply by navigating to that page and then clicking Safari > Preferences then General > Set to Current Page. The BT FON page was probably set as your homepage when you signed up for the FON service, but it's just there as a login page; you don't need to make it the default landing site.



Default web browser: Safari (4.0.5)

New windows open with: Home Page

New tabs open with: Top Sites

Home page: http://livepage.apple.com/

Remove history items: After one month

Save downloaded files to: Downloads

Remove download list items: Manually

☑ Open "safe" files after downloading
"Safe" files include movies, pictures, sounds, PDF and text documents, and disk images and other archives.

Open links from applications: ● in a new window
○ in a new tab in the current window
This applies to links from Mail, iChat, etc.

Some applications will change your home page in Safari, but it is easy to change it back.

"Why can't I create anymore new networks?"

Q My brand-new iMac, bought last month, is having a network problem. It was using OS X 10.6.1 until it upgraded to 10.6.3 last night. Now it cannot create a computer-to-computer network by right-clicking the Wi-Fi icon on the menu bar.

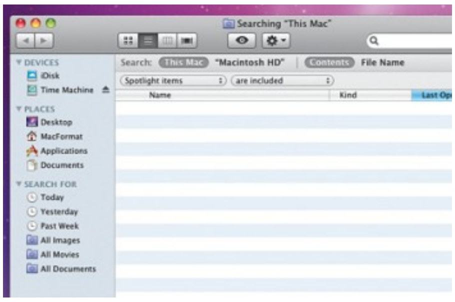
I Wayan Wimba Anenggata, Bali

A Are you using encryption, by ticking the Require Password box? If you use the Mac as a base station, then Windows PCs, at least, won't be able to connect to a Wi-Fi network unless you turn encryption off. This is for complicated protocol reasons and is unlikely to get fixed anytime soon. The solution is to use a separate wireless router and connect your computers to that.

QUICK TIP

If you have created a **Smart Folder** in *Finder* to view your emails, as we demonstrated in the step-by-step guide, you don't need to have *Mail* running to view your messages. Just hit the space bar to pop the selected message open in **Quick Look**.

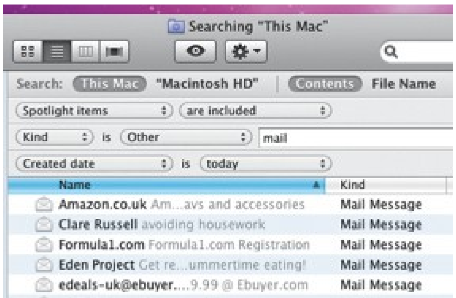
HOW TO / Check your email from Finder



Search: This Mac "Macintosh HD" Contents File Name
Spotlight items – are included

01 Create a search

You can use smart folders to access your email from any *Finder* window. Hit ⌘ + ⌥ + [Space] to open **Spotlight** and click the **+** icon to create a new search criterion. Set **Kind** to **Other** and then pick **Spotlight Items** from the list. Set this to **are included**.

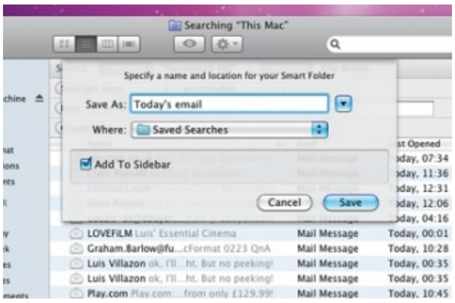


Search: This Mac "Macintosh HD" Contents File Name
Spotlight items – are included
Kind – is – Other – mail
Created date – is – today

Name	Kind
Amazon.co.uk Am…avs and accessories	Mail Message
Clare Russell avoiding housework	Mail Message
Formula1.com Formula1.com Registration	Mail Message
Eden Project Get re…ummertime eating!	Mail Message
edeals-uk@ebuyer.…9.99 @ Ebuyer.com	Mail Message

02 Filter it

You can add another search criterion such as **Kind is Other** and type **mail** in the box. This will display every email ever, so you can add a third criterion so that **Created date is today**, to filter this down to a more convenient level.



Specify a name and location for your Smart Folder
Save As: Today's email
Where: Saved Searches
☑ Add To Sidebar

LOVEFiLM Luis' Essential Cinema	Mail Message	Today, 00:01
Graham.Barlow@fu…cFormat 0223 QnA	Mail Message	Today, 10:28
Luis Villazon ok, I'll…ht. But no peeking!	Mail Message	Today, 00:35
Luis Villazon ok, I'll…ht. But no peeking!	Mail Message	Today, 00:35
Play.com Play.com:…from only £129.99!	Mail Message	Today, 10:45

03 Save it on the Sidebar

Click **Save**, give this a useful name and make sure that the **Add to Sidebar** box is ticked. You'll now have a **Smart Folder** in *Finder* that you can click to see all of today's emails. You can filter this further to show mails from just one person, for example.

QUICK TIP

Address Book has a handy function, where you can add a contact's phonetic spelling in an extra field next to their name. All you have to do is go to Click Card > Add Field > Phonetic First/Last Name.

"Why can't we print from CS4 on a MacBook Pro?"

Q I've just spent a couple of days setting up my daughter's new MacBook Pro. It will print text on her Canon IP4700 printer, but not pictures from *Photoshop*. As she is a professional photographer this is a problem. She's just had to fire up her old PC (horrors!) to print a brochure for her business.

Neither Apple nor Canon support have been any help. The printer will print from *iPhoto*, but not from *CS4*. I see from a Google search that a few people seem to have had problems with Snow Leopard and the Canon IP4700 with *Photoshop*, and also interestingly with *Aperture* as well. She has the latest drivers from Apple/Canon, and there is no Gutenprint driver available for the 4700. Any ideas?

Anton Petre, New Zealand

A The default solution for driver problems is nearly always "wait a bit longer and see if they release a better one" and sure enough, a newer driver for the IP4700 appeared on Canon's site in the last few weeks. Hopefully, this will fix your problem. If it doesn't, try printing from *Preview* while you wait for an even newer one. If the IP4700 can print from *iPhoto*, it will probably print from *Preview* as well and this might be more convenient than importing into *iPhoto* all the time.

"AppleWorks does actually work in Snow Leopard!"

Q In Issue 220, Ron McCabe asked about *AppleWorks v6* running (or not running!) under OS X Snow Leopard. I am running OS X 10.6.3, and *AppleWorks version 6.2.9* opens and runs okay. Perhaps there is a difference between the UK and Australian versions of both OS X and AppleWorks, but it could be worth a try for Mr McCabe.

I do agree that continuing with *Appleworks* is not a long-term solution; but I disagree that spreadsheets are an easier way to get the job done.

Most of the time, maybe; but it also entirely depends on what

MACFIXIT TIPS / Problems with Software Update

Software Update can miss updates or claim they are already installed. Generally, problems happen when there is an error with the receipt files of previously installed updates, or if a receipt file is corrupt.

Fix this by managing new or recently altered receipt files on the system, as well as other settings and temporary files used by *Software Update*.

Clear receipts

Software Update recognises installed updates regardless of whether a receipt file exists for it. These receipts contain info on installed items, what their permissions are, and the size of items. If an installation fails and the receipt is left behind, *Software Update* may not show the update as available. Go to **/Macintosh HD/Library/Receipts/** folder and locate the PKG or BOM file associated with the update and remove it.

If no updates work, move the receipts from the receipts folder. Replace them if they're not contributing to the problem.

Downloaded updates

Related files may also be in the **/Macintosh HD/Library/Updates/** folder. Remove any files associated with missing updates, and try running *Software Update* again.

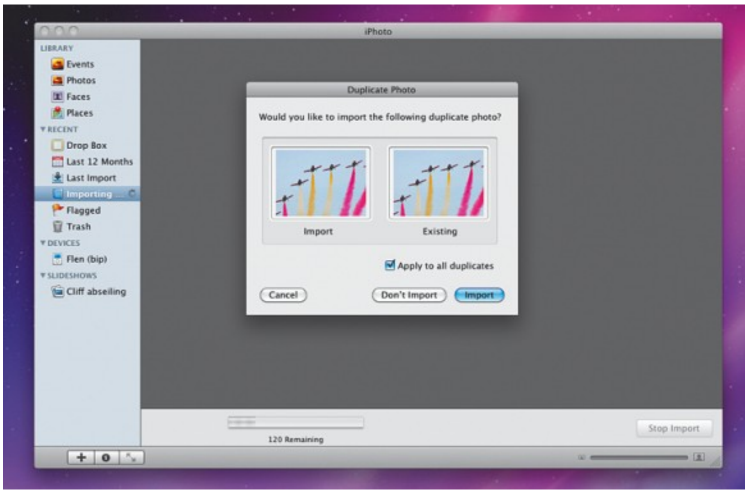
Remove preference files

Corrupt preference files can cause problems. The file holds info about ignored updates, so, removing it may help. The file **com.apple.Software Update.plist** is located in **/Macintosh HD/Library/Preferences/**.

Tips supplied by MacFixit.com

MacFixIt, founded in 1996 by Ted Landau, has grown into the premiere destination for users seeking resolutions to bugs and conflicts. Visit **www.macfixit.com** for the latest Mac information.

MacFixIt
Troubleshooting Solutions for the Macintosh


iPhoto
LIBRARY
Events
Photos
Faces
Places
RECENT
Drop Box
Last 12 Months
Last Import
Importing
Flagged
Trash
DEVICES
Flen (bip)
SLIDESHOWS
Cliff abseiling
Duplicate Photo
Import
Existing
Cancel
Don't Import
Import
Stop Import
120 Remaining

Would you like to import the following duplicate photo?

☑ Apply to all duplicates

iPhoto will do its best to warn you if you try to import duplicate images to your library.

you're trying to do with your data. That's why *FileMaker*, *Bento* and the free database app in *OpenOffice* are still available and used by thousands.
Ron Pitcher

A Several people wrote in to point out this mistake. So if *AppleWorks* will work under Snow *Leopard* – at least in principle – the question then becomes "Why doesn't it work for the other Ron, who posed our original question?"

The most likely cause is a corrupted preference file. Deleting com.appleworks.plist, the contents of Preferences/AppleWorks and the contents of ~/Documents/AppleWorks User Data/Starting Points/Recent items was the suggestion offered by Roger Wilmut. Brian Quinn also pointed out that *AppleWorks* is a PowerPC application, so you'll need to install *Rosetta*. This is an optional install in Snow Leopard, because fewer and fewer applications need it now but the only real impact of adding it, is the relatively small amount of disk space it occupies. The performance impact is minimal.

As to whether a spreadsheet is an acceptable substitute for a database, there is obviously still a niche for the latter. My point was that, just as the increasing sophistication of word processors has made desktop publishing software unnecessary for all but the most complex of layout tasks, so most simple 'databases' can be created perfectly well in a spreadsheet application. But this is a matter of opinion, not doctrine.

"How do I delete duplicate photos in iPhoto?"

Q Two years ago, when I first converted to a Mac, I was not that confident about using *iPhoto*. So, being cautious, I stored all my photos in specific folders and then imported them into *iPhoto* without copying them to the *iPhoto* library, since I wasn't sure what *iPhoto* would do with them. However, with growing confidence, I started importing them into *iPhoto* as well, so for my collection of 30,000 photos and 400 events I currently have a bit of a mixture of originals and copies in *iPhoto*.

Do you know if there is an easy way to consolidate everything, or do I just have to painstakingly go through each photo?
Nigel Jones

A The first step is to pull all the photos you have in non-*iPhoto* folders into *iPhoto*. You can do this simply using File > Import to Library. The application will then do some simple checks of its own to prevent you from importing duplicates, but inevitably it will still miss a few, where the JPEG compression level is different or the image has been rotated or tweaked in some way. If you find you still have too many duplicate images in *iPhoto* to prune them manually, there are several shareware apps that will automate the process for you. *Duplicate Annihilator* from www.brattoo.com is a £5 download, for example. ●

On the forum

Help and advice from readers

Q As and when I get my iPad, will I have to re-purchase any apps that run on both iPhone and iPad? Or is *iTunes* kind and clever enough to allow a single application to be installed on both platforms?
JonSmile Joined: 29 Oct 2005 Posts: 128 Location: The shed

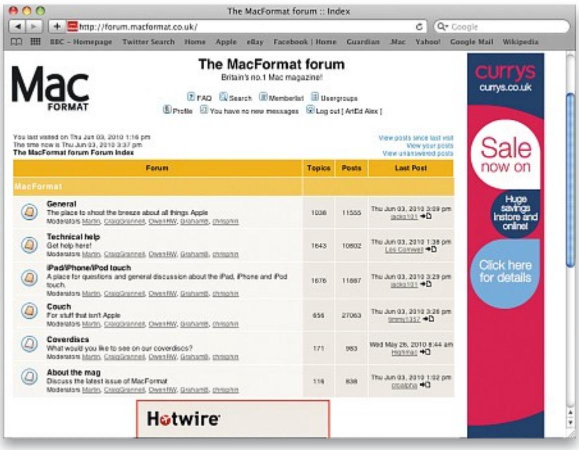
A They'll all install and work, even the iPhone-only apps; some look okay when you double the size to fill the iPad screen, others look awful. You won't need to pay again; if the apps are in your iTunes library, they can be added to your iPad.
James Joined: 04 May 2005 Posts: 3430 Location: North Hertfordshire

Q I have loads of contacts on my iPhone and none on my MacBook Pro. If I sync them, will it copy the empty list from my MacBook Pro to my iPhone or the full list from my iPhone to my MacBook Pro? I want to copy over onto my MacBook Pro without deleting them from my iPhone, as would be the case if I synced an iPhone with music on it to a computer with an iTunes library containing no music.
mitchthompson Joined: 17 Mar 2005 Posts: 482 Location: Bingley

A Create a contact on the MacBook Pro. Then when you sync your iPhone with the MBP, you will be asked if you want to replace the contacts on the iPhone with the ones on the MBP or whether you want to merge them. Choose Merge and it will merge contacts from both MBP and iPhone into one.
big-blue-wolf Joined: 18 Oct 2005 Posts: 6292 Location: Near Molineux

Q Am I right in saying the next iPhone is unlikely to be 4G, and people are confusing this with 4.0 as in the OS?
404 Joined: 06 Dec 2007 Posts: 156 Location: Stone's throw from paradise

A I think they mean the fourth-generation iPhone. 1st generation was the original iPhone (sometimes called 2G. 2nd generation is iPhone 3G; 3rd generation is iPhone 3GS; and 4th generation is the next iPhone to be released.
big-blue-wolf Joined: 18 Oct 2005 Posts: 6292 Location: Near Molineux


The MacFormat forum :: Index
http://forum.macformat.co.uk/
Google
BBC – Homepage
Twitter Search
Home
Apple
eBay
Facebook | Home
Guardian
Mac
Yahoo!
Google Mail
Wikipedia
Mac FORMAT
FAQ
Search
Memberlist
Usergroups
Profile
You have no new messages
Log out [ArtEd Alex]
View posts since last visit
View your posts
View unanswered posts
currys
currys.co.uk
Sale now on
Huge savings instore and online!
Click here for details
Hotwire

The MacFormat forum
Britain's no.1 Mac magazine!

You last visited on Thu Jun 03, 2010 1:16 pm
The time now is Thu Jun 03, 2010 3:37 pm
The MacFormat forum Forum Index

Forum	Topics	Posts	Last Post
MacFormat			
General The place to shoot the breeze about all things Apple Moderators Martin, CraigGrannell, OwenHW, GrahamB, chrisphin	1036	11555	Thu Jun 03, 2010 3:09 pm
Technical help Get help here! Moderators Martin, CraigGrannell, OwenHW, GrahamB, chrisphin	1643	10802	Thu Jun 03, 2010 1:38 pm
iPad/iPhone/iPod touch A place for questions and general discussion about the iPad, iPhone and iPod touch. Moderators Martin, CraigGrannell, OwenHW, GrahamB, chrisphin	1676	11887	Thu Jun 03, 2010 3:29 pm
Couch For stuff that isn't Apple Moderators Martin, CraigGrannell, OwenHW, GrahamB, chrisphin	656	27063	Thu Jun 03, 2010 3:26 pm
Coverdiscs What would you like to see on our coverdiscs? Moderators Martin, CraigGrannell, OwenHW, GrahamB, chrisphin	171	983	Wed May 26, 2010 8:44 am
About the mag Discuss the latest issue of MacFormat Moderators Martin, CraigGrannell, OwenHW, GrahamB, chrisphin	116	838	Thu Jun 03, 2010 1:02 pm

Join our forum and join in the fun at
http://forum .macformat.co.uk

computer arts

GS 2010 Graduate Showcase

Now open for entries

Your chance to get your work seen by over 20,000 design professionals worldwide!

Now in its 14th year, the Graduate Showcase is *Computer Arts*' annual compilation of the best final-year student design work from around the world. Submissions are open to final-year students on graduate design programmes across the globe in the following categories:

- Graphic Design
- Illustration & 2D
- Animation
- Video & Broadcast
- Web & Interactive

Judges

This year's judging panel is made up of the cream of the design world:

- Brendan Dawes
  magneticNorth (Web & Interactive Design)
- Dan Moore
  Studio Output (Graphic Design)
- Jason Arber
  Wyld Stallyons (Animation)
- Adam Jenns
  Mainframe (Video & Broadcast Design)
- John McFaul
  McFaul Studio (Illustration & 2D)

Enter online at **www.computerarts.co.uk/gs10**
Deadline: 11 July 2010

Winners revealed in the Graduate Showcase, published with issue 179 of *Computer Arts*
On sale 26 August

In partnership with D&AD Adobe

Terms and conditions apply. See website for details.

"Inline controls let you operate your iPhone from a unit mounted on the earbuds' cable"

EARBUDS FOR iPHONES GROUP TEST P108

In this issue...

HARDWARE

MacBook 2.4GHz Core 2 Duo 86
MacBook Pro 17-inch Core i5 87
Blue Eyeball 2.0 88
Digittrade RS128 160GB HD 88
BassJump subwoofer 89
MiLi Power Skin 90
Xenics Vibe Holic 90
IntelliScanner mini 90
Sharkoon Outplay 90

SOFTWARE

Adobe Photoshop CS5 92
Adobe InDesign CS5 93
Adobe Illustrator CS5 94
Adobe Design Standard CS5 95
TechSmith Camtasia 1.1 96
LogMeIn Pro2 96
Panic Transmit 4.0.4 97
Bjango iStat Menus 3.01 98
Blast 1.2.1 98
SnapRocket 1.0 98

GAMES

The Chronicles of Riddick: Assault on Dark Athena 100
Star Wars Jedi Knight Gold 100
Portal 101

iPHONE APPS

Momento 102
eScrap App 103
The Cat in the Hat 103
Twitter 103

iPHONE GAMES

Mad 'o' Ball 3D 104
1112 - chapters 1&2 104
Chaos Rings 104

iPAD APPS & GAMES

The Elements: UK & Ireland 106
The Early Edition 106
Plants vs Zombies HD 107
Strategery 107

GROUP TEST

iPhone earbuds 108

techradar.com

For the largest online database of hardware and software reviews be sure to check out **www.techradar.com/reviews**

Reviews

● HARDWARE ● SOFTWARE ● iPHONE APPS ● SHAREWARE ● GAMES

Ian Osborne
Reviews Editor

Adobe's *Creative Suite* applications are by far the most capable in their respective fields, but they're also the most expensive, especially here in the UK.

Photoshop, for example, is an industry standard for image editing and for professional graphic designers, while *InDesign* is the desktop publishing tool of choice. But as the new *Adobe CS5* versions hit the shelves, can home and small business users justify spending £644 on *Photoshop* when you can get Flying Meat Inc's *Acorn* for $50 (around £35)? And do you need to spend £699 on *InDesign*, or will BeLight Software's *Printfolio* do everything you need for $90 (about £63)? To help you decide, check out Adam Banks' reviews of the CS5 versions of *Adobe Photoshop*, *InDesign*, *Illustrator* and *Design Standard Suite* over on page 92.

Apple's entire notebook range received a refresh this summer. We covered the 13-inch and 15-inch MacBook Pros last month; this issue we look at the entry-level MacBook and top-of-the-range 17-inch MacBook Pro on pages 86-87.

» OUR LOGOS

Mac FORMAT Choice ★★★★★ — A product that receives the MacFormat Choice award is the best in its class when reviewed.

Mac FORMAT Winner! — Used in our Group Tests, MacFormat Winner indicates the product that we feel stands out.

Mac FORMAT On the disc — This logo indicates there are either test versions or files associated with the review on the disc.

RATINGS EXPLAINED: ★★★★★ Excellent ★★★★☆ Very good ★★★☆☆ Good ★★☆☆☆ Adequate ★☆☆☆☆ Poor

>> APPLE NOTEBOOK

MacBook 2.4GHz Core 2 Duo

£849 Apple's entry-level notebook gets a robust, if incremental, upgrade

CONTACTS

Manufacturer: Apple
www.apple.com/uk

SPECIFICATIONS

Processor: 2.4GHz Intel Core 2 Duo **RAM:** 2GB of 1066MHz DDR3 SDRAM **Hard disk:** 250GB 5400RPM Serial ATA **Ports:** Gigabit Ethernet, Mini DisplayPort, two USB 2.0, audio in/out **Optical drive:** 8x slot-loading SuperDrive **Display:** 13.3-inch LED-backlit glossy widescreen **Graphics:** NVIDIA GeForce 320M with 256MB of DDR3 SDRAM **Weight:** 2.13kg **Dimensions:** 2.74x33.03x23.17cm

PROS & CONS

- ⊕ Great new graphics card
- ⊕ Extended battery life
- ⊕ Faster processor
- ⊕ Only a minor price increase
- ⊕ As gorgeous as ever
- ⊖ Still uses Core 2 Duo CPU

VERDICT

★★★★☆

"No huge surprises, but no big drawbacks either. A solid revision for Apple's entry-level notebook."

The new MacBook offers a significant power boost under the familiar white unibody hood.

The mid-2010 revision has a lot in common with the previous MacBook generation. It has the same white polycarbonate enclosure, the same 13.3-inch widescreen display and the same 250GB 5400RPM Serial ATA hard drive. You still get 2GB of onboard memory (expandable to 4GB), the 8x slot-loading optical drive is unchanged and connectivity is still through Ethernet and two USB 2.0 ports. And at £849, up from £816, the MacBook's price hasn't changed too much either.

Yet there's been significant changes under the hood. As you would expect, the processor's had an upgrade, though it's still an Intel Core 2 Duo, which is inevitable considering the legal barriers preventing Intel integrating an NVIDIA graphics chipset into its Core-i series CPUs. We'd have loved to see a Core i3 in there, but with no integrated NVIDIA graphics and no room on the logic board for a discrete GPU, Apple would have had to use the Core-i series' built-in Intel HD Graphics, a significant step down from the integrated GeForce 9400M chipset used in the previous release. That's the reason we didn't get a Core-i processor in the 13-inch MacBook Pro reviewed last issue, and that's why we aren't getting one here either.

Even so, the new MacBook's Core 2 Duo CPU runs at 2.4GHz, which is up from 2.26GHz in the previous release and a match for the cheapest configuration of 13-inch MacBook Pro.

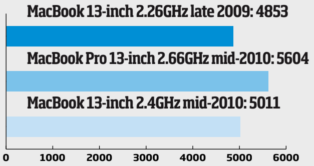
The new integrated graphics chipset is the new MacBook's most significant upgrade, stepping up from the aforementioned NVIDIA GeForce 9400M to the new 320M. And what a step up it is. The NVIDIA GeForce 320M is significantly more energy efficient than its predecessor, giving the new MacBook a battery life of up to 10 hours on a single charge, which is enough for an entire day's computing on the go.

> *"The integrated graphics chipset is the new MacBook's most significant upgrade, stepping up from the 9400M to the 320M"*

In our benchmark tests, the MacBook showed steady progress over its comparable predecessors. Its *Cinebench* rendering, movie encoding and *Xbench* results were all incrementally higher than last year's MacBook, though it suffered a hiccup when it came to the *Doom 3* frame-rate test, managing just two frames a second using the Ultra Quality graphics setting. However, using the still-impressive High Quality setting, it ran at 68.3 frames per second. We're betting the slow speed is down to the new 320M graphics chip not liking the shaders used in Ultra Quality – a performance issue potential hardcore gamers would do well to be aware of.

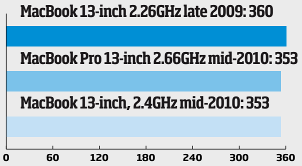
Overall, the mid-2010 refresh is a useful update for the MacBook. An incremental processor boost and a significantly better graphics chipset makes it good value for money, despite the small price increase. **IO**

>> BENCHMARKS / How does the new MacBook stack up?



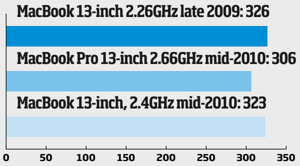
Cinebench (CBs)

Measuring CPU and GPU performance, *Cinebench* reports its results as a single figure. Multi-core performance quoted.



iTunes encoding (secs)

A timed test using the latest version of *iTunes*, ripping an audio CD at 128kb/sec AAC, auto sample rate, no VBR.



QuickTime encoding (secs)

We use *QuickTime 7 Pro* to export a short sample movie with the software's 'Movie to iPod' default settings. Lower is better.

» APPLE NOTEBOOK

MacBook Pro 17-inch Core i5

£1,899 A useful refresh for the largest member of Apple's notebook range

Apple's unibody construction means even the 17-inch MacBook Pro is thin and light.

Apple's entire MacBook Pro range was updated in the mid-2010 refresh, including this top-of-the-range 17-inch model. It now boasts a 2.53GHz Intel Core i5 processor, which is actually more powerful than the 2.8GHz Core 2 Duo used in the previous version. It also offers new graphics technologies and a battery life of around eight or nine hours.

At a glance, moving from a 2.8GHz processor to a 2.53GHz chip looks like a downward step, but new technologies included in Intel's new Core i-series means nothing could be further from the truth. The Core i5's Hyper Threading feature enables two threads to run simultaneously on each of the processor's two cores, giving a total of four virtual cores. And if your application doesn't take advantage of all available cores, the processor's Turbo Boost technology shuts down those that are unused and transfers the power to active cores. The 2.53GHz processor used here can run at up to 3.06GHz when only one core is used. The new architecture also includes an integrated memory controller, connecting system memory directly to the processor and eliminating the need for a separate I/O controller, for faster data access and an improved operating speed.

> *"Impressively, the MacBook Pro ran silently, even after 15 minutes of running the processor at maximum speed"*

Graphics processing now switches automatically between integrated Intel HD Graphics, which lacks power but is easy on the battery, and the discrete GPU, an NVIDIA GeForce GT 330M graphics processor with 512MB of GDDR3 memory. You can switch off this feature and use the discrete graphics processor at all times if you wish, but strangely, there's no option to restrict the MacBook Pro to integrated graphics to preserve battery life (though a free utility gives you this ability – http://bit.ly/blh5rj).

It's been reported that the 2.66GHz Core i7 version of the 17-inch MacBook Pro (available as a custom option on the Apple online store) runs at over 100 degrees Celsius when the processor's maxed out. This off-the-shelf release isn't quite so vulnerable to overheating. In our tests, we found it barely rose above 80 degrees. This is still pretty hot, but it wasn't causing problems for running applications. Impressively, the MacBook Pro ran silently, even after 15 minutes of running the processor at maximum.

We have very few complaints about the new 17-inch MacBook Pro. A Blu-ray drive would have been appreciated, but it was never going to happen given Apple's long-standing refusal to accommodate the media standard. Overall, the mid-2010 17-inch MacBook Pro is a major step up from the previous generation. At a pound shy of £1,900 it's expensive, but as it costs only £10 more than its predecessor, it's better value for money as well as being a more capable machine. **IO**

CONTACTS

Manufacturer: Apple
www.apple.com/uk

SPECIFICATIONS

Processor: 2.53GHz Intel Core i5 **RAM:** 4GB 1066MHz DDR3 **Hard disk:** 500GB 5400rpm SATA **Ports:** 1xFW800, 2xUSB, ExpressCard **Optical drive:** 8x slot-loading SuperDrive (DVD±R DL/DVD±RW/CD-RW) **Display:** 17-inch glossy widescreen, 1920x1200 resolution **Graphics:** NVIDIA GeForce GT 330M with 512MB of GDDR3 memory **Dimensions:** 2.50x39.3x26.7cm **Weight:** 2.99kg

PROS & CONS

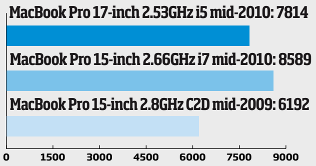
- ⊕ Lovely big screen
- ⊕ Improved graphics switching
- ⊕ new processor architecture
- ⊕ Retains ExpressCard port
- ⊕ Silent running
- ⊖ Expensive

VERDICT

★★★★☆

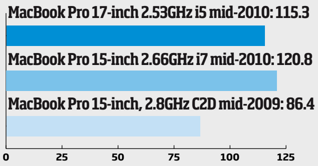
"A welcome upgrade that brings new technologies to the top-of-the-range MacBook Pro."

» BENCHMARKS / How does the 17-inch MacBook Pro stack up?



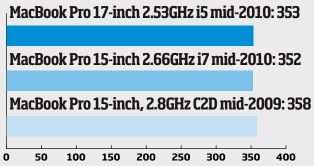
Cinebench (CBs)

Measuring the CPU and GPU, *Cinebench* reports its results as a single figure. Higher is better. Multi-core performance quoted.



Doom 3 frame rates (FPS)

Tested using *Doom 3*'s 'timedemo 1' routine, set at 1,024x768 with settings at Ultra. Frames per second quoted. Higher is better.



iTunes encoding (seconds)

A timed test using the latest version of *iTunes*, ripping an audio CD at 128kb/sec AAC, auto sample rate, no VBR.

» WEBCAM

Blue Eyeball 2.0

£75 The Eyeball 2.0 from Blue Microphones is a webcam that's all about the sound

CONTACTS

Manufacturer: Blue Microphones
www.bluemic.com

SPECIFICATIONS

Video: 2-megapixel video
Audio: CD-quality HD audio

PROS & CONS

- ⊕ Superior sound quality
- ⊖ Serious image noise
- ⊖ Doesn't work with iMovie
- ⊖ Doesn't like too much movement

VERDICT

★★½☆☆

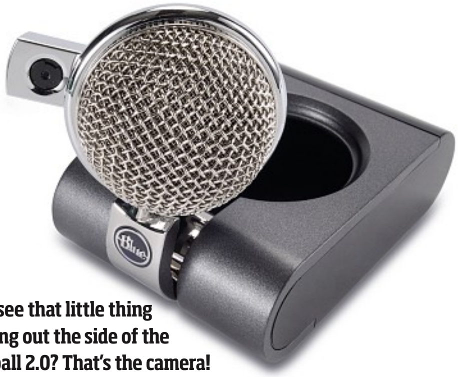
"Great sound can't make up for the Eyeball's poor image quality."

The Eyeball 2.0 from Blue Microphones is squarely aimed at those who want improved video conferencing, or want to record better quality YouTube uploads, with a focus on superior audio performance.

First, let's get the aesthetics out of the way. Take one look at the Eyeball 2.0 and the focus on audio becomes glaringly obvious. While the camera is nestled away – almost apologetically – in the retractable side appendage, the Eyeball's mic is a bulbous adornment that simply shouts 'I'm all about the audio!'. Before we even get into the camera's performance, this could well be an issue for the more style-conscious among you. It just looks really weird!

But looks aren't everything. To get started with your Mac, all you need to do is hang the camera from the top of your monitor, and plug it in via USB. The camera is auto-detected, and there's no need for third-party software. This initial setup couldn't be simpler. Be warned, though; there are issues with *iMovie*. You first have to record videos using *Photo Booth* and then import them into your *iMovie* project – an irritating additional step for some.

At 640x480, the iSight camera built in to most Macs doesn't take much beating, and though the Eyeball boasts a sharper, more contrasted picture (1600x1200), there's some serious image noise and blurring with movement. Audio's a different story, though, with the Eyeball trumping a built-in mic for pick-up, bass, and pretty much every aspect of audio quality. But this is a webcam, not a mic! **DO**



You see that little thing poking out the side of the Eyeball 2.0? That's the camera!

» SECURE EXTERNAL HARD DRIVE

Digittrade RS128 160GB drive

£130 Paranoid about data loss? Don't even trust yourself?

CONTACTS

Manufacturer: Digittrade
www.digittrade.de

SPECIFICATIONS

Encryption: 128-Bit AES
Access Control: RFID key (two included) **Drive:** 2.5-inch SATA
Capacity: 160GB **Connection:** Internal/external USB cable

PROS & CONS

- ⊕ Secure. Almost too secure
- ⊕ Two USB connection options
- ⊖ Awful price-per-GB ratio
- ⊖ Uncooperative RFID reader

VERDICT

★★☆☆☆

"Obtuse and a little rickety, this drive is fit for purpose, but only just."

When your first experience with a secure hard drive involves its flimsy metal fascia peeling off the casing, you know it's a bad sign. In most cases an object falling apart in your hands before you've even plugged it in is a precursor to disappointment. As wrong as it would be for us to dismiss Digittrade's ingenious hard drive in the first paragraph, we're going to. It's not all it's cracked up to be.

But let's hand it a plus. The box marked 'secure' has not so much been ticked as completely filled in and surrounded with exclamation marks. This can come across as anti-access, like you're in a fight every time you want to get to your own files. When locked, the contents of the drive are encrypted, meaning that drive is inaccessible whether it's in or out of the enclosure, and the USB interface transmits no volume information to your Mac. Secure indeed!

To unlock it, you're meant to wave one of the two included RFID keyrings over the drive. But it's not even that simple; it requires some kind of voodoo trick we haven't quite worked out. We had to plug and unplug the drive around 10 times before it would unlock even once – highly secure, then, but not exactly practical.

The encryption means USB transfers are even slower to this drive than most others, and it comes formatted with NTFS, so you'll need to repartition when you first fire it up. Between this, the astonishing price, its temperamental interface and the disappointing build quality, we're just not very impressed. Lovely concept, poor execution. **AC**

DIGITTRADE

Enjoy that lovely shiny aluminium outer before it makes a break for freedom.

It looks like it could be made by Apple; even the bundled USB cable matches Apple's style almost exactly.

Photography by Dave Caudrey

>>PORTABLE BASS SPEAKER

BassJump subwoofer

£64 Twelve South's boon for the boardroom or classroom – give your laptop's audio some bottom!

Even with the best will in the world, the audio that a MacBook or MacBook Pro produces could only really be described as 'a bit thin'. Sure, basic physics is against you if you're trying to belt out confident, rounded, balanced audio from such a cramped space, but it's nevertheless true that the weedy, tinny sound that even the most recent Apple laptops dribble out is unlikely to wow anyone in a meeting or command the attention of students in a classroom.

The BassJump aims to solve this problem. It's portable – it comes with a natty little neoprene case – and plugs into your laptop over USB to supply both audio and power to the unit. You need to install audio drivers and a *System Preferences* pane that shows some cute analogue-style amber-lit VU metres, and lets you adjust the volume and cut-off point at which frequencies are sent to the BassJump. There are a few presets for different music genres here, but it's worth tinkering yourself to find a custom setting that suits you.

Let's be clear: this isn't a full-frequency (mono) speaker. It's a low-frequency bass augment to your laptop's own speakers; you're adding bass to your laptop's built-in speakers.

What we're saying, really, is that you shouldn't expect audiophile-quality music. It doesn't magically make your laptop's speakers better; it merely adds the bass that they usually lack. The result is certainly significantly better, and a genuine boon for showing videos to a boardroom or classroom, say. But unless your standards are particularly low, don't buy this thinking you'll now do all your music-listening using it. Far better to buy a regular 3.5mm mini jack or, more rarely, a USB-powered speaker system for regular music playback from your laptop.

> *"It doesn't magically make your laptop's speakers better; it merely adds the bass they usually lack"*

We'd like to have seen Twelve South integrate a small USB hub into the BassJump simply so that we wouldn't lose one of our MacBooks' precious USB ports, which is particularly relevant when giving a presentation, as you may need to plug in a remote control receiver. **CP**

CONTACTS

Manufacturer: Twelve South
www.twelvesouth.com

SPECIFICATIONS

Drivers: 1 **Frequency range:** -6dB at 50Hz-20kHz **Inputs:** USB **Dimensions:** 127x127x57mm **Weight:** 0.64kg

PROS & CONS

⊕ Adds depth to laptop audio
⊕ Portable
⊕ Neat; single USB cable
⊖ Not audiophile-friendly

VERDICT

★★★★☆

"Since it doesn't claim to turn your laptop into a hi-fi, there's little to fault."

>> iPHONE BATTERY

MiLi Power Skin

£42 www.powerskin.co.uk

01 Having your iPhone run flat at an inopportune moment is no fun, so it's a good idea to invest in extra battery power. MiLi's Power Skin encases the entire phone without adding too much bulk. It's charged using a supplied Mini-USB cable, which is more convenient than the Micro-USB used by some rivals.

At 1200mAh it's not the most powerful we've seen (the Mophie Juice Pack, for example, offers 1800mAh), but it'll roughly double your iPhone's battery life. It only works on the 3G and 3GS models, so if you own an original iPhone, you're out of luck. **IO**

VERDICT

★★★★☆

"A useful iPhone accessory at a very good price if you care to shop around."

>> MOBILE SPEAKER

Xenics Vibe Holic

£18 http://bit.ly/aj3blK

02 This 'portable vibration speaker system' turns almost any flat surface into an audio speaker. It works with any device using a 3.5mm headphone jack and is powered by two AA batteries or a USB port.

Predictably, Vibe Holic's sound quality isn't great. It's serviceable enough, but there's no depth, and bass is poor. It's pocket-sized and easy enough to carry around, but it's no smaller than many portable speakers that offer better audio. As such, it's best seen as a novelty item rather than an essential part of your travel bag. **IO**

VERDICT

★★½☆☆

"Fun to use and the kids will like it, but mediocre sound quality kills the vibe."

>> CODE SCANNER

IntelliScanner mini

£120 www.intelliscanner.com

03 This scanner can keep track of anything that has a barcode. Index your CDs, movies or comics, record valuable items for insurance or take stock of your small business inventory. Barcodes are read with the pocket-sized scanner, then the data is transferred to your Mac. The latest model offers double the memory and 70% more battery life over the old one.

It works well in identifying entertainment products, but a US bias is apparent. It's less successful in identifying office items or kitchen goods. The software is workmanlike too. **IO**

VERDICT

★★★☆☆

"A useful scanning tool, but hampered by inelegant software applications."

>> MOUSE MAT

Sharkoon Outplay

£12 www.sharkoon.com

04 Sharkoon Outplay Gaming Mousepad is huge. At 39.5x34.5cm, it's almost twice the size of a regular mat. It's comfortable to use too, with a waterproof surface material that's ideal for a modern laser mouse (including Apple's Magic Mouse), and a rubber underlay that prevents it from slipping.

This has obvious advantages for gamers, whose exaggerated actions are likely to drag their mouse off the edge of a regular pad. But it's equally useful for anyone wanting the extra room. Just make sure you have enough desk space to house it. **IO**

VERDICT

★★★★½

"Even if you don't play games, but standard-size mouse mats frustrate, this is for you."

OUTPLAY
www.sharkoon.com
04
01
MiLi
02
VIBE HOLIC
portable vibration
speaker system
Don't play what's there, play what's not there.
-Miles Davis-
03
IntelliScanner
mini

MAMA FESTIVALS & CLASSIC ROCK
PRESENT

HIGH VOLTAGE
FESTIVAL

MAIN STAGE

SATURDAY 24 JULY 2010

ZZ TOP
FOREIGNER
GARY MOORE
THE ANSWER
THE UNION

SUNDAY 25 JULY 2010

ELP
JOE ELLIOTT
& VERY SPECIAL GUEST
IAN HUNTER
DOWN 'N' OUTZ
JOE BONAMASSA
BACHMAN & TURNER
UFO • THE QUIREBOYS

METAL HAMMER STAGE

Black Label Society
SAXON
CATHEDRAL • HAMMERFALL
ORANGE GOBLIN
BLACK SPIDERS • NEW DEVICE

DOWN
Opeth **CLUTCH**
HIGH ON FIRE
AUDREY HORNE • LETHARGY

PROG STAGE

TRANSATLANTIC
ASIA
DWEEZIL ZAPPA
BIGELF • FOCUS
PENDRAGON
TOUCHSTONE

marillion
ARGENT
URIAH HEEP
(PERFORMING DEMONS & WIZARDS)
MAGNUM • STEVE HACKETT
MARTIN TURNER'S WISHBONE ASH
(PERFORMING ARGUS)
THE REASONING

LONDON VICTORIA PARK

FESTIVAL'S 24 HOUR HOTLINE: 0871 230 5582
AMAZING VIP PACKAGES AVAILABLE ONLINE!
WWW.HIGHVOLTAGEFESTIVAL.COM
SUBJECT TO LICENSE

Custom built *by* rock fans, *for* rock fans

>> IMAGE EDITING APP

Adobe Photoshop CS5

£644 With clever new features and 64-bit operation, the impossible is quicker than ever

CONTACTS

Manufacturer: Adobe
www.adobe.com/uk/products

REQUIREMENTS

OS: Mac OS X 10.5.7 or 10.6 **Processor:** Multi-core Intel **RAM:** 1GB **Hard disk space:** 2GB (plus considerably more while in use)

PROS & CONS

- ⊕ Content-Aware Fill
- ⊕ Edge Detection for selections
- ⊕ New photographic corrections
- ⊕ Improved 3D tools in Extended
- ⊕ 64-bit app improves speed
- ⊖ Even more painfully expensive

VERDICT

★★★★☆

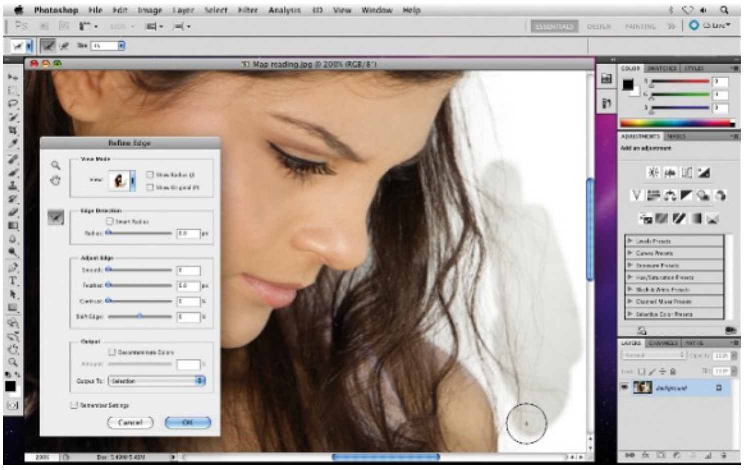
"If you thought they couldn't fit much more into Photoshop, prepare to be pleasantly surprised."

Within the *Creative Suite, Photoshop* is first among equals – the one app almost every creative professional needs. It's now 64-bit, meaning it can crunch through twice as much data per second under Leopard or Snow Leopard. We found it also required more than twice as much virtual memory, reserving at least 3.5GB of hard disk space while running. It took about the same time as *CS4* to launch and to perform everyday tasks, but complex filters completed up to 50% faster. Adobe reckons operations on very large files could speed up by a factor of 10, although we'd also have liked a reduction in brief delays such as building the Liquify preview.

Same smart interface

Other than Mini Bridge (see opposite), there are no major user interface changes, but lots of enhancements nestle in the menus. The Refine Edge dialog, which complements existing selection tools such as Magic Wand and Quick Selection, now offers Edge Detection: you paint over the border you want to improve – for example, a selection that closely follows clothing but gets iffy around hair – and *Photoshop* figures out where the edge should be. It's not foolproof, but often impressively successful.

Another time-saver is Content-Aware Fill, which covers an area with material from the surrounding image. The effect is much the same as you could get using the Clone Stamp, but without the effort – an amazingly easy way to remove unwanted objects or complete missing areas. Puppet Warp lets you push pins into photos and pull them around like a photorealistic Captain Pugwash. There are also new brushes to play with, including more natural bristles and a Mixer Brush that's great for 'paintifying' photos. We like Adobe's small but thoughtful additions, too: for example, you can now hold ctrl + ⌥ + ⌘ and click to instantly pop up a handy colour picker.



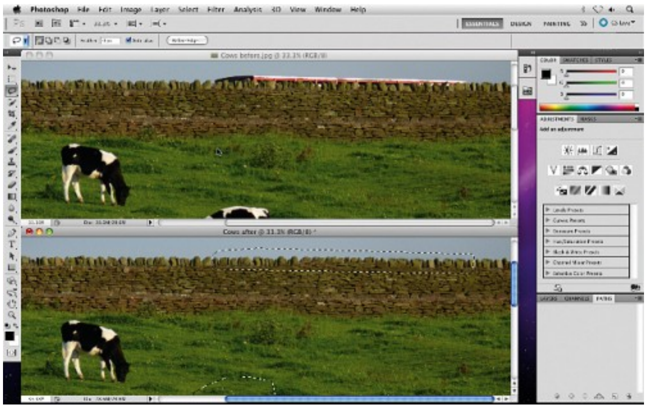
The Edge Detection function in the Refine Edge dialog helps to isolate tricky areas.

> *"Adobe reckons operations on very large files could speed up by a factor of 10, although we'd have liked a reduction in brief delays"*

Photographers get substantial new raw processing options, including smarter noise reduction and sharpening, along with automatic lens correction that caters for many pro lenses and which can be adapted to custom-fit yours through a free Lens Profile Creator download. For high dynamic range fans, HDR Pro fixes ghosting (where an object has changed position between the shots you're combining) and HDR Toning enables you to simulate HDR from a single image.

Photoshop Extended brings even more goodies if you're prepared to shell out for it. The ability to import and render 3D models as layers is much expanded, with a new ray tracer and a library of editable materials. Or to start from scratch, you can extrude, inflate and bevel 3D objects from paths, then intersect, light and render them and map images onto their surfaces. This will surely persuade more users to stump up for the *Extended* edition – though they may resent having to.

In fact, about the only thing we don't like about *Photoshop CS5* is the price. On its own, even discounted by dealers, it costs over £580, and *Extended* is £200 more. If you prefer to download the software from Adobe rather than buy it boxed, it comes in at £20 extra, which is crazy. The reasoning behind such a price hike is stultifying to say the least. If you already have *Photoshop CS2, 3* or *4*, however, you can upgrade for £186, which isn't so bad given the wealth of new features. The same price applies to the *Student and Teacher* edition. **AB**



Content Aware Fill instantly clones over unwanted objects. Look, we've camouflaged a cow!

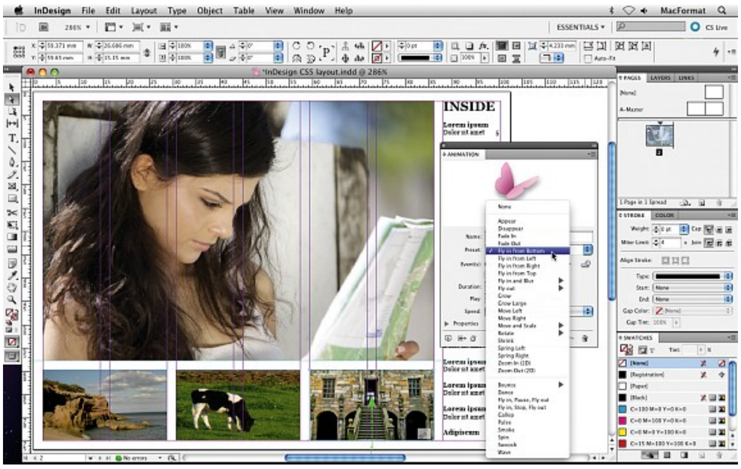
>> DESKTOP PUBLISHING APP

Adobe InDesign CS5

£699 No overblown extras you don't understand, just solid tools for both print and digital publishing

While *Photoshop* has no direct competition, *InDesign* is locked in rivalry with *QuarkXPress*. It's a battle Adobe seems to be winning, but with *QuarkXPress 8* set to be followed by another upgrade, *InDesign CS5* needed to come out fighting.

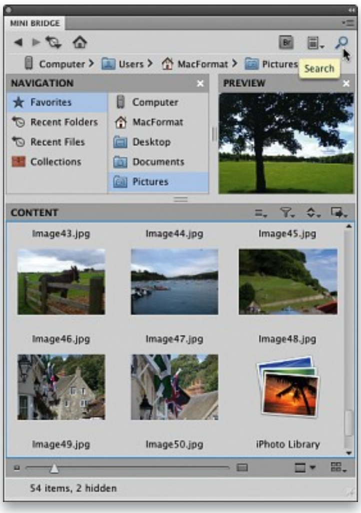
And so it has. A new feature shared with *Photoshop* is Mini Bridge, a panel that brings the browsing capabilities of *Bridge* – the media manager included since *CS2* – right into the app. You can trawl through resizable thumbnails, filter results by rating or label, or search by keyword, then drag one or more pictures into your layout to place them, maintaining the link to the image file. This is well done, though with a few catches: you need to have *Bridge* running for it to work, and there's still no integration with *iPhoto* or *Aperture* libraries.


InDesign File Edit Layout Type Object Table View Window Help
ESSENTIALS
*InDesign CS5 layout.indd @ 286%
INSIDE
ANIMATION
PAGES LAYERS LINKS
STROKE COLOR
SWATCHES

You can add preset animations to your layouts to create digital magazine user interfaces.

"A new feature shared with Photoshop is Mini Bridge, a panel that brings the browsing capabilities of Bridge right into the app"

As well as setting a number of columns within a text frame, you can now split it horizontally and vary the column layout in each section. There's the option to automatically balance columns. Together, these features aren't just handy, they enable completely new approaches to text flow, especially when preparing templates for non-designers.


MINI BRIDGE
Computer
Users
MacFormat
Pictures
Search
NAVIGATION
PREVIEW
Favorites
Recent Folders
Recent Files
Collections
Computer
MacFormat
Desktop
Documents
Pictures
CONTENT
Image43.jpg
Image44.jpg
Image45.jpg
Image46.jpg
Image47.jpg
Image48.jpg
Image49.jpg
Image50.jpg
iPhoto Library
54 items, 2 hidden

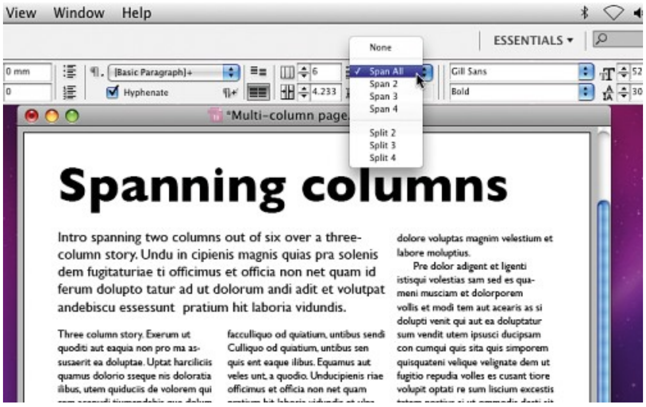
Mini Bridge gives you a media browser in a panel to help track down your pictures.

The other big news is interactivity. Through a new set of panels, *Keynote*-style transitions can be applied so that text or pictures fade or fly in and out, and page turn effects can be added. You can create hyperlinks so clicking a button or icon on a page loads another page, and buttons can have intelligent Normal, Rollover and Click states.

To an extent, this is playing catch-up with *QuarkXPress 8*, which already offers basic *Flash* authoring. Thanks to Apple's last-minute prohibition, CS5 doesn't provide the hoped-for route to iPad, and wider rumblings about *Flash* in the industry mean it's probably not the right basis for a long-term digital publishing strategy. Nevertheless, the tools here could be exactly what you need to produce good-enough interactive editions for the web and desktop right now.

Also new are multiple page sizes per document, change tracking for text, and numerous productivity aids: cropping pictures without switching tools, creating grids of frames by hitting the cursor keys while dragging, quickly forming regular gaps between elements, and more. Tool options are clearer, and the revamped Layers palette lists every object in your layout. This all smacks of a product designed by people who actually use it.

Like *Photoshop*, *InDesign* is off-puttingly expensive, but many users will buy it as part of a suite. As an upgrade, if you're still on *CS2* the £186 trade-up is a great deal – just bear in mind that colleagues using *CS2* or *3* can send you files but you can't save back files they can read. There's enough to tempt many *CS3* and *4* users too. **AB**


View Window Help
ESSENTIALS
0 mm
[Basic Paragraph]+
Hyphenate
None
✓ Span All
Span 2
Span 3
Span 4
Split 2
Split 3
Split 4
Gill Sans
Bold
*Multi-column page

Spanning columns

Intro spanning two columns out of six over a three-column story. Undu in cipienis magnis quias pra solenis dem fugitaturiae ti officimus et officia non net quam id ferum dolupto tatur ad ut dolorum andi adit et volutpat andebiscu essessunt pratium hit laboria vidundis.

Three column story. Exerum ut quoditi aut eaquia non pro ma assusaerit ea doluptae. Uptat harcilicis quamus dolorio sseque nis doloratia ilibus, utem quiduciis de volorem qui facculliquo od quiatium, untibus sendi Culliquo od quiatium, untibus sen quis ent eaque ilibus. Equamus aut veles unt, a quodio. Unducipienis riae officimus et officia non net quam dolore voluptas magnim velestium et labore moluptius.

Pre dolor adigent et ligenti istisqui volestias sam sed es quameni musciam et dolorporem vollis et modi tem aut acearis as si dolupti venit qui aut ea doluptatur sum vendit utem ipsusci ducipsam con cumqui quis sita quis simporem quisquateni velique velignate dem ut fugitio repudia volles es cusant tiore volupit optati re sum liscium excestis

The ability to use multiple column formats in the same text frame is brilliant, though limited.

CONTACTS

Manufacturer: Adobe
www.adobe.com/uk/products

REQUIREMENTS

OS: OS X 10.5.7 **Processor:** Multi-core Intel **RAM:** 1GB **Hard disk space:** 2.6GB

PROS & CONS

- ⊕ Column spanning in text frames
- ⊕ Easy animation and interaction
- ⊕ Many page sizes per document
- ⊕ Better image previewing
- ⊕ Lots of aids to productivity
- ⊖ Expensive, especially on its own

VERDICT

★★★★★

"Significant new layout and interactive features make this version a compelling upgrade."

>> VECTOR DRAWING APP

Adobe Illustrator CS5

£606 It's in a class of its own, but is the vector package moving in the right direction?

CONTACTS

Manufacturer: Adobe
www.adobe.com/uk/products

REQUIREMENTS

OS: OS X 10.5.7 **Processor:** Multi-core Intel **RAM:** 1GB **Hard disk space:** 2GB

PROS & CONS

- + New brushes and Draw Inside
- + Easier shape manipulation
- + Perspective Grid is great for 3D...
- − ...but not as smart as it could be
- − Some inconsistencies
- − Expensive on its own

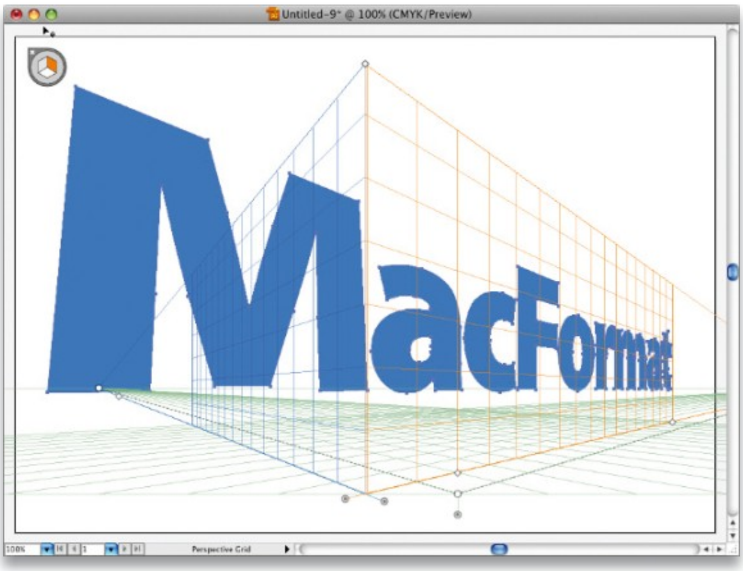
VERDICT

★★★★☆

"Some useful new features, but Illustrator doesn't feel comfortable in its own skin just yet."

As comprehensive as *Photoshop* has become, it's still a bitmap editing program with extra bits on top. To create scalable logos, complex technical drawings, and text-based layouts with more graphical shenanigans than *InDesign* can handle, you need vector graphics. And *Illustrator* is the only serious option.

Perhaps because of the lack of competition, we haven't always been convinced by the attention paid to *Illustrator* compared to the other *Creative Suite* apps. This time, Adobe has certainly made an effort. It's not about doing things that were impossible before, but doing the same things better.



Perspective Grid fits shapes to planes in vanishing point 3D as you draw and scale them.

Different strokes

For example, *Illustrator* provides lots of brushes – now even more, thanks to the same bristle engine introduced in *Photoshop CS5* - but what if you want to paint onto a shape? Previously, you'd have to splodge around the general area, then set the shape as a clipping mask. Now, you can use Draw Inside to paint directly 'inside the lines'. In the past, there were various ways to generate strokes with varying thickness, but all were somewhat unpredictable. Now, you can add Width nodes, giving far more precise control. In earlier versions, to combine two or more shapes you would select them, go to the Pathfinder panel and apply an operation such as Unite or Minus Front. Now, you just drag over shapes with the Shape Builder tool. The old methods are still there if you prefer.

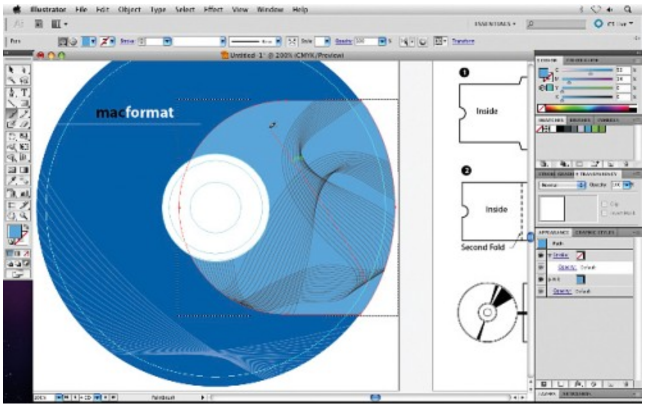
The trouble with smart tools is that the results, though quick, might not be ideal. *Illustrator* now has more options to tweak them, including controls over how patterned strokes fit to paths and around corners. Multi-point scaling means you can create, say, a button that when stretched to a new size, maintains the proportions of its end caps and text label. Also of interest to user interface designers is the ability to work to a pixel grid, so vector shapes look sharp and precise at a fixed screen size.

> *"The Perspective Grid displays wireframe smart guides for vanishing point projections, helping you construct 3D scenes"*

Sadly, there's still no joy to be had with some long-standing items on our *Illustrator* wish list. Take the Graph tool, which hasn't been updated in Miley Cyrus's lifetime. Bringing this up to date would be a big task, but worthwhile.

One brand new feature that stands out is Perspective Grid. This displays wireframe smart guides for vanishing point projections, helping you to construct 3D scenes in the traditional way. Shapes drawn onto the grid distort and scale to match the plane as you move them, and dragging existing objects using the Perspective Grid tool does the same. This is effective both for drawing from scratch and for comping artwork into photos, having matched the grid to the scene. Alas, the grid doesn't work with *Illustrator* 3D objects, such as bevelled lettering; only flat shapes. This and other limitations, including the fact that adjusting the grid doesn't affect artwork already drawn, make Perspective Grid less useful than it first looks.

This is symptomatic of the overall sense of missed opportunities that ultimately knocked half a mark off our rating. While *Illustrator* remains a superb professional drawing package, such glaringly obvious shortcomings really should be fixed in an update of this magnitude. **AB**



In Draw Inside mode, your brushstrokes only appear within the outline of the selected object.

>> PRO GRAPHICS BUNDLE

Adobe Design Standard CS5

£1,213 They don't call it a suite for nothing: save a packet when you buy several Adobe apps at once

The *Creative Suite* apps are sold individually or in a choice of five suite editions, all accompanied by the *Bridge* media manager and *Device Central*, a mobile development tool for both HTML and *Flash*-based projects. (*Version Cue*, the content manager introduced in *CS2*, has been quietly dropped.) The cheapest edition, *Design Standard*, is focused on print and includes *Photoshop*, *Illustrator*, *InDesign* and *Acrobat 9 Pro*, the PDF authoring package. Acrobat hasn't been updated for nearly two years, but provides more than most users will need, including support for video and interactive content. You get four apps for the price of two.

For full-blown online development, the *Design Premium* edition (£1,773) upgrades *Photoshop* to *Extended* and adds *Dreamweaver*, *Flash Professional*, *Fireworks* and the new *Flash Catalyst*. Scepticism about the relevance of *Dreamweaver*, an all-round web design package, is addressed by timely additions such as HTML 5 support and integration with PHP-driven CMSes such as WordPress, Drupal and Joomla. *Flash Professional* gets improved video handling, better physics for animations, Code Snippets to open up ActionScript functionality to non-programmers, and industry-leading typography. *Catalyst* provides a simple way to add basic animation and interactivity to artwork prepared in *Fireworks*, the web graphics app, or *Illustrator*, making it easier for designers to produce *Flash* content.

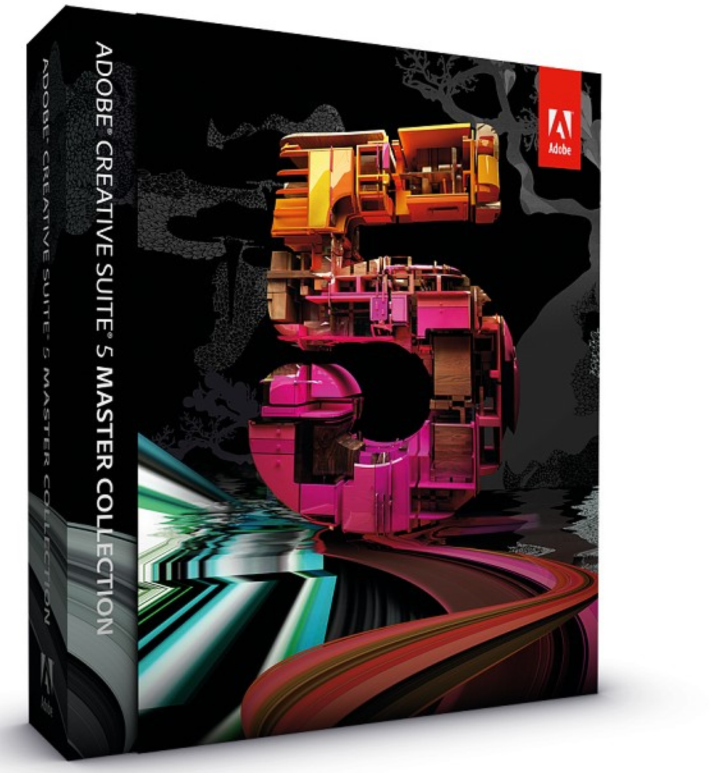
Soup up projects

Web Premium (£1,679) drops *InDesign* in favour of *Flash Builder 4*, which handles the back end of internet apps and can be used to soup up *Catalyst* projects. *Production Premium* (£1,773) combines *Photoshop Extended, Illustrator, Flash Professional* and *Catalyst* with Adobe's video production apps, *Premiere Pro* and *AfterEffects*, while the *Master Collection* (£2,706) bundles all the apps together.

CS Live is a set of online services that are initially free with each edition but will switch to paid subscription after a year. Among these, Acrobat.com is a collaborative environment where you can store *CS5* documents and other files and share them with other users, while CS Review creates an online copy of projects in *CS5* that other users can mark up in a browser interface.

BrowserLab tests web pages in simulations of various Windows and Mac browsers, though not yet all, while SiteCatalyst NetAverages helps you research online capabilities and trends to decide which platforms and features to prioritise.

All the CS5 suites are decent value, and with dealers discounting *Design Standard* to under £1,000, it's a fairly accessible entry point. *Student and Teacher* editions are also available at around £230. **AB**



	DESIGN STANDARD	DESIGN PREMIUM	WEB PREMIUM	PRODUCTION PREMIUM	MASTER COLLECTION
Photoshop CS5	yes	no	no	no	no
Photoshop CS5 Extended	no	yes	yes	yes	yes
Illustrator CS5	yes	yes	yes	yes	yes
InDesign CS5	yes	yes	no	no	yes
Acrobat 9 Pro	yes	yes	yes	no	yes
Flash Professional CS5	no	yes	yes	yes	yes
Flash Catalyst CS5	no	yes	yes	yes	yes
Flash Builder 4 Standard	no	no	yes	no	yes
Dreamweaver CS5	no	yes	yes	no	yes
Fireworks CS5	no	yes	yes	no	yes
Contribute CS5	no	no	yes	no	yes
Premiere Pro CS5*	no	no	no	yes	yes
After Effects CS5	no	no	no	yes	yes
Soundbooth CS5	no	no	no	yes	yes
Cross-suite components					
Bridge CS5	yes	yes	yes	yes	yes
Device Central CS5	yes	yes	yes	yes	yes
Dynamic Link	no	no	no	yes	yes
CS Live	yes	yes	yes	yes	yes

***Includes OnLocation CS5 and Encore CS5**

>>SCREEN CAPTURE AND EDITING

TechSmith Camtasia 1.1

$99 (£64) Easily create and edit screen recordings or iSight footage

CONTACTS

Developer: TechSmith
www.techsmith.com/camtasiamac

REQUIREMENTS

OS: Mac OS X 10.5.6 or later
Processor: Intel Mac
RAM: 1GB **Hard disk:** 4GB
Other: QuickTime 7.5.5 or later

PROS & CONS

- + Do everything in one program
- + SmartFocus is helpful
- − No true keyframes or chroma key
- − Can't preview camera footage

VERDICT

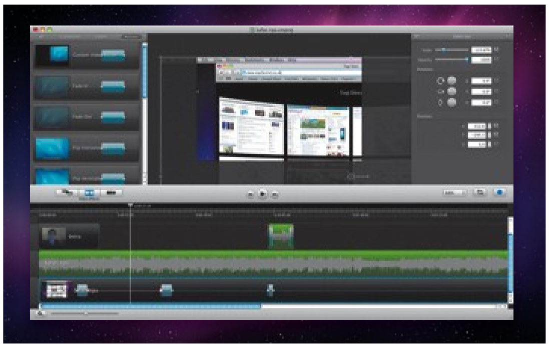
★★★☆☆

"It's intuitive and helpful, but we hit a lot of limitations in the process."

Some software wins you over with power, some with value, and some with convenience. Screen recorder and editor *Camtasia* for Mac falls firmly into the third category. Going beyond what you can do with *QuickTime X* and *iMovie* by enabling you to record and edit without leaving the program, this is closest to Telestream's *ScreenFlow*.

You can choose to record video directly from your Mac's screen, a DV camera or the iSight (annoyingly, you can't preview camera footage), and capture audio from a microphone or from the system – or all at once. The editor is geared towards casual users, and is fairly intuitive. The SmartFocus feature is the showpiece; apply it to a screen recording and it will zoom and pan onto the most appropriate part automatically. It only works on *Camtasia*-recorded files, and won't scale past 100%, but it's pretty useful.

There are plenty of transitions and actions that can be applied to video, including custom actions you can create yourself. This is really a dumbed-down form of keyframing, and can take a little time to get your head around. Window spotlighting pales in comparison to ScreenFlow's, as it often frustratingly picks out the wrong window. Our biggest issue is the lack of chroma keying.



The interface is flexible and the timeline is presented simply.

You can export films to *Flash* video, to YouTube, to the Screencast.com service, or to other formats. *Camtasia* is also a bit of a CPU hog on a 2.16GHz MacBook Pro, and this was reflected in some jerky recordings. Newer machines handled it better, but do test yours with the trial before you buy. **MB**

>>VNC SOFTWARE

LogMeIn Pro2

£42 Control just about any computer – anywhere in the world – with LogMeIn Pro2

CONTACTS

Developer: LogMeIn
www.logmein.co.uk

REQUIREMENTS

OS: Mac OS X 10.4.6 or later
Client: Windows 7, Vista, XP, Server 2003, Server 2008, ME, NT4, 2000, Mac OS 10.4.6 and up

PROS & CONS

- + Fast, stable access to computers
- + Simple to set up and use
- − Fewer features than PC version
- − Why upgrade from free version?

VERDICT

★★★⯪☆

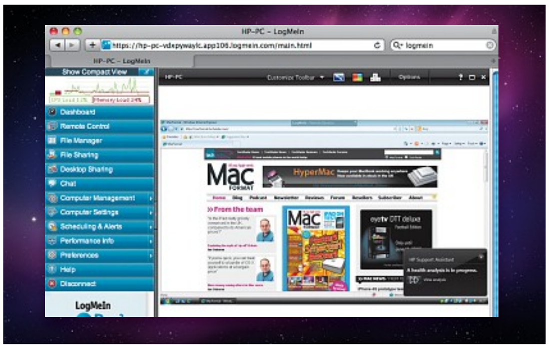
"Works well but offers few reasons to upgrade from the free version."

This remote access application lets you control just about any computer anywhere.

The *Pro* version of *LogMeIn* is the next step up from the very popular *LogMeIn Free*, which as the name suggests is the gratis option. As you might expect, the *Pro* version offers a host of extra features over the free tool, such as printer sharing, file transfer and desktop sharing. However, you should really decide if you absolutely need those before stumping up the £41.20 a year to upgrade.

The extra tools are very interesting, but how often would you need to print to a machine you're not near or transfer files between machines (bearing in mind that you can use a tool like *Dropbox* to achieve the same result)? The other thing to note is that Mac users are shortchanged. The Windows version of *LogMeIn Pro2* costs exactly the same as the Mac version, yet the Mac app has fewer features.

In use we can't fault *LogMeIn Pro2* – it's fast and responsive, although this is reliant on the internet connection you have, of course. The management of logging in and adding machines is a breeze too. While the interface is a little rough around the edges, there is otherwise little to fault.



Logging in and using another Mac or PC anywhere is a cinch.

For the kind of troubleshooting and remote access that most consumers might need, *LogMeIn Free* is perfect, but if you need the extra things, £42 a year per machine isn't too high a price to pay. Remember, however, that PC-using friends are getting more for the same money. **CB**

» FTP/SFTP CLIENT

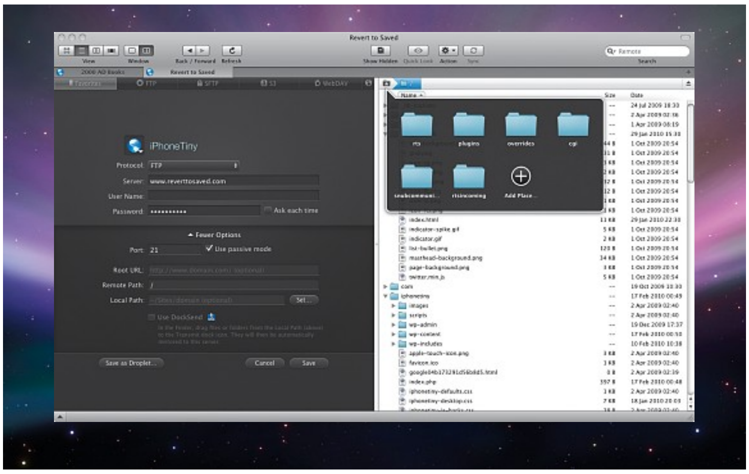
Panic Transmit 4.0.4

$34 (£24) FTP client gets go-faster stripes, gloss and new features

Panic's *Transmit* has long been a very popular Mac FTP client, but version 3 was starting to look tired, and, in terms of features and speed, the app was being challenged by eager young upstarts, such as the likes of *ForkLift*. But, thankfully, the grizzled veteran has been reborn. And with the updates come an impressive slew of interface and usability improvements, which again sees it streak way ahead of the pack, leaving them for dust.

More than an uprgade

From the off, it's fairly obvious that this is a brand-new *Transmit*, and not just a minor upgrade. The interface oozes class, being both totally Mac-like and very modern. Animations and neat touches are peppered throughout, and while some might dismiss these as eye candy (or dislike certain choices – for example, we're not keen on the 'skinny' Favorites list scrollbar and use of a light Helvetica Neue font weight for some headings), that misses the point, because little in *Transmit 4* is superfluous. Instead, the interface balances usability and clarity – especially important for newcomers – with flexibility for long-time users.



Transmit 4 provides many interface changes that marry aesthetic appeal and usability.

> *"You can also add into the mix FXP and S3 support, a new transfers view, tear-off tabs and multi-touch navigation for laptop users"*

While *Transmit's* main window initially appears similar to *Transmit 3's*, new view options are akin to *Finder*. There's Quick Look support for document previews, and you can navigate files and folders via collapsible lists, icon view or Cover Flow; also, both panes can be set to local views, turning *Transmit* into a dual-pane *Finder* of sorts. Further view options enable folders in lists to be placed above files, and there's a 'one file browser' option for users who prefer uploading files by dragging them from *Finder*.

Speaking of *Finder*, the new Transmit Disk feature enables you to dispense with *Transmit's* window for basic transfers.

You choose a server from the menu-bar extra and it mounts as a disk. This won't be new to hardened *MacFUSE* aficionados, but it's a nice little bonus for *Transmit* users, and during testing we found the feature worked well.

Feature filled

Meanwhile, back in *Transmit* proper, most of the other changes will enable you to be more efficient. The appliction is noticeably faster, especially when you are working with smaller files.

The new Places feature enables you to define shortcuts within your favourite locations by dragging a folder to the icon at the top-left of the current pane. To later access a Place, click the icon and then a location to load it.

Another particularly standout feature – and one that demonstrates just how much effort has been made with regards to usability – is Sync. The user-friendly pane makes it very clear whether local or remote files will be used as a reference set, and a speech bubble details what's going to happen. Rules can be defined to further refine the sync, and there's a handy Simulate option that enables you to test results without having to commit to any transfers.

As if that wasn't enough, you can also add into the mix FXP and S3 support, an excellent new transfers view, tear-off tabs, multi-touch navigation for laptop users, and a whole bunch of other cool tweaks and extras. And there you have the Mac's best FTP client.

The conclusion is, if you're searching for a robust, usable and great-looking FTP client, we highly recommend *Transmit 4*; and for *Transmit 3* users, there are more than enough useful improvements to justify the $19 (£14) upgrade fee. **CG**

CONTACTS

Developer: Panic

www.panic.com/transmit

REQUIREMENTS

Processor: PPC/Intel

OS: Mac OS X 10.5+

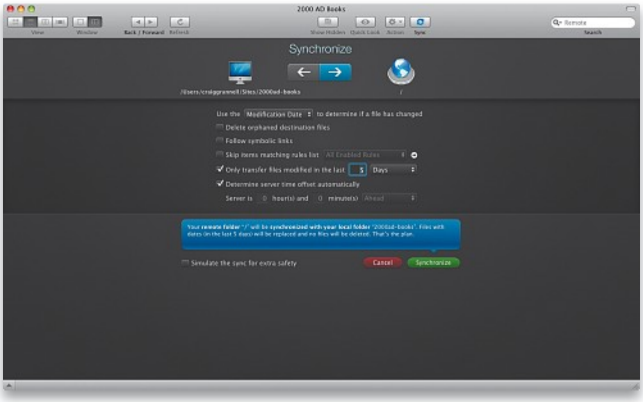
PROS & CONS

- ⊕ Faster transfer speeds
- ⊕ Impressive new interface
- ⊕ Improved view options
- ⊕ Great location shortcuts
- ⊕ Friendly sync pane
- ⊕ Transmit Disk feature

VERDICT

★★★★★

"A benchmark against which modern Mac apps should be measured – and a great FTP client, too."



The Sync pane in Transmit 4 is a work of art, and should enable you to avoid sync disasters.

>> ON THE DISC
You can find all these programs on the disc.

>> SYSTEM MONITOR

Bjango iStat Menus 3.01

Mac FORMAT Choice ★★★★★

$16 (£11) It's 'third time even luckier' for Bjango's excellent utility

CONTACTS

Developer: Bjango
www.bjango.com

REQUIREMENTS

OS: Mac OS X 10.5+

PROS & CONS

- + Simpler installation
- + Updated, smart interface
- + Solid additional features
- + Stable, usable and useful

VERDICT

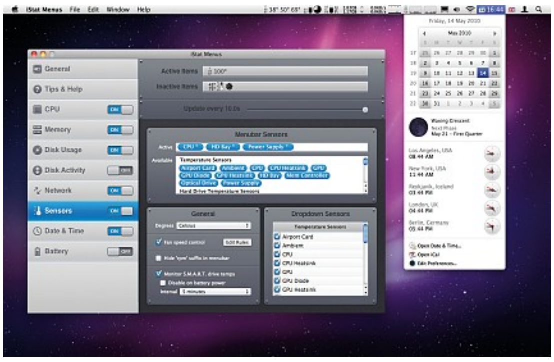
★★★★★

"A solid upgrade to what was already a first-rate add-on for any Mac."

Bjango's monitoring app returns with a redesigned interface, a separate preferences app, and new features. The app's functionality remains broadly the same – 'widgets' can be added to your menu bar to monitor things like CPU, network, memory and disk usage, component temperatures and time. Drop-down menus provide additional details for each widget, along with access to preferences, which are now housed in a smart standalone app rather than *System Preferences*, simplifying installation.

Of the new features peppered about, fan control is probably the best, enabling you to directly control fan speeds for Intel Macs. There's also a battery extra, monitoring of Apple Wireless Keyboards, and the fantastic Date & Time module now sports sun and moon info, optional flashing time separators and a 'fuzzy' clock (approximate, text-based timekeeping).

Long-time users will also notice one other major change – *iStat Menus* now has a price tag, rather than being 'donationware'; however, we've always argued that it's an app well worth paying for, and $16 seems good value to us. We've been using the upgrade since the second it came out, and are delighted to report that the app remains rock-solid stable and dependable. Some users reported issues with the fan-speed features, but they've been dealt with in the 3.01 upgrade. To that end, *iStat Menus* remains a first-rate addition to any Mac; in fact, as far as we're concerned, a Mac feels a little naked without it. **CG**



It's no longer 'free', but iStat Menus remains a must-install for Mac users.

>> FILE ACCESS

Blast 1.2.1

$10 (£6.50) www.apparentsoft.com/blast

When you're working with lots of files, it's easy to lose track of them. You might close a window by mistake, or save a file in the wrong location. Spotlight can sometimes help you find them, but its filter-based search can be awkward. By comparison, *Blast* makes finding recent documents much simpler by listing them in a pop-up, which is conveniently available by clicking a menu-bar extra.

The pop-up offers a scrollable list that displays each item's icon, filename and location. Various actions can be performed on any item: double-click to open, ⌘-double-click to reveal in *Finder*, drag to a folder or Dock icon, or ⌥-drag to copy. There's also a Favourites sidebar where you can store items you want permanent access to.

Blast works well and is stable, but it's also too simple. The window cannot be resized, the sidebar uses an icons-only approach that makes it hard to tell items apart, and we think it's a pity there's no Quick Look support. *Blast* is also priced about the same as Ironic Software's conceptually similar *Fresh*, which isn't as pretty nor as simple, but offers superior functionality in almost every way. **CG**

VERDICT

★★★☆☆

"Blast has lots of potential, but it's currently a bit too simple for its own good."

>> WINDOW NAVIGATOR

SnapRocket 1.0

$20 (£13) http://bit.ly/9tqAgv

The idea behind *SnapRocket* is keyboard-based navigation between desktop windows. You hold a user-defined combination of modifiers and then tap cursor keys to flick between windows, the space bar to preview a window, and / to navigate 'deeper' into your window pile.

We initially liked the idea of *SnapRocket*. It's simple to use, and it also provides you with a number of settings. You can amend the overlay's colour and decide whether it animates as it moves from window to window. There are settings for tweaking vertical and horizontal window order, along with screen-wrapping. And you can enable key auto-repeat (although setting Repeat Rate to a high value makes it unusable).

After a while, though, we weren't convinced. *SnapRocket* simply doesn't speed up workflow sufficiently to warrant its price tag. We think keyboard-oriented users would be better off sticking with *Exposé* (especially with its new Snow Leopard shortcuts), or investigating *Witch* ($19, http://manytricks.com/witch), which provides you with a text-based list of open windows that can be navigated entirely by using only the keyboard. **CG**

VERDICT

★★☆☆☆

"SnapRocket does what it claims, but offers poor value for money compared with the competition."

Join us online

» WEBSITE

Visit **www.macformat.co.uk** to read the latest blogs and Apple news

» PODCAST

Download *MacFormat This Week* from the iTunes Store or our website

» FORUM

Visit **forum.macformat.co.uk** to chat to other *MacFormat* readers online

» TWITTER

For behind-the-scenes peeks and breaking news, follow **@MacFormat**

mini ninjas™
Introducing the world's smallest heroes!
OUT NOW FOR MAC

7 www.pegi.info

SQUARE ENIX. Io-Interactive FERAL MAKE YOUR PLAY Mac

Mini Ninjas © 2009-2010 Square Enix Ltd. Published by Square Enix Ltd. Developed by IO Interactive A/S. Mini Ninjas and the Mini Ninjas logo, Square Enix and the Square Enix logo are trademarks of Square Enix Ltd. IO Interactive and the IO logo are trademarks of IO Interactive A/S. Mac and the Mac logo are trademarks of Apple Inc. registered in the U.S. and other countries. Feral and the Feral logo are trademarks of Feral Interactive Ltd.

>>FIRST-PERSON SHOOTER

The Chronicles of Riddick: Assault on Dark Athena

£40 (Digital download) Butch convict Richard Riddick suddenly sees the light of day on the Mac

CONTACTS

Publisher: Virtual Programming
www.deliver2mac.com

REQUIREMENTS

OS: OS X 10.6.3+ **Processor:** Intel 2.16GHz or faster **RAM:** 1GB **Video:** GeForce 8600M **Hard disk space:** 12GB **Other:** Internet connection

PROS & CONS

- ⊕ Atmospheric visuals
- ⊕ Butcher Bay revamped
- ⊕ Stealth action
- ⊖ Second game is the weaker

VERDICT

★★★★☆

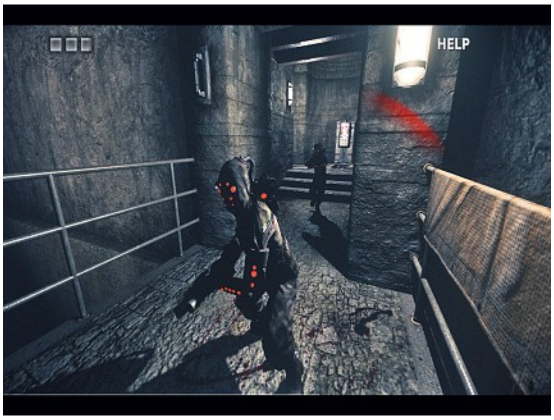
"A dark and atmospheric bundle boasting well-constructed gameplay."

The Chronicles of Riddick: Assault on Dark Athena is a two-game bundle featuring the original and critically acclaimed *Escape from Butcher Bay* and the not so well received but still pretty good *Assault on Dark Athena*. *Escape from Butcher Bay*, having come out several years prior to the sequel, featured inferior visuals, but these have been revamped for this bundled release.

Both games are offshoots of the cult sci-fi movie series comprising *Pitch Black* and the *Chronicles of Riddick*, starring Vin Diesel and following the travails of convict Richard B Riddick, who has the gift of the 'eyeshine' and is able to see in the dark where others cannot. Given this, the game relies heavily on the use of light and shadow, not only in a visual sense but in a practical one also. Skulking in corners to launch stealthy attacks and dragging corpses into dark recesses are two examples.

Another innovative touch is the combined first- and third-person views. First person is used when exploring and shooting people, while third person is employed when climbing ladders, shimmying along ledges, climbing crates and the like, providing a blend of straight action and platform puzzle-solving.

As a whole this package works pretty well. The voice acting is exemplary, the storylines are enjoyably grim and downbeat, and a decent level of oppressive tension is maintained throughout exploits. **AD**



First kill these drones, then turn their weapons on their own kind.

>>FIRST-PERSON SHOOTER

Star Wars Jedi Knight Gold Pack

£20 Two classic Star Wars games bundled up and re-released for your pleasure

CONTACTS

Publisher: Aspyr
www.aspyr.com

REQUIREMENTS

OS: OS X 10.5+ **Processor:** 1.8GHz Intel chipset **RAM:** 512MB **Hard disk space:** 2GB **Video:** Radeon X1600 **Other:** internet (multiplayer)

PROS & CONS

- ⊕ Great storylines
- ⊕ Varied challenges
- ⊕ Superb combat
- ⊖ Looks its age

VERDICT

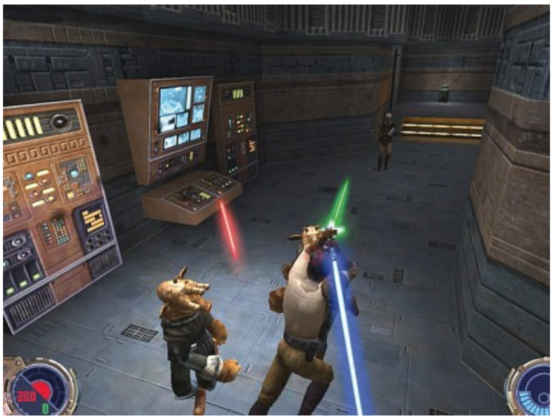
★★★★☆

"Despite its age, this pack remains as compellingly playable as ever."

These games are pretty old, *Jedi Outcast* and *Jedi Academy* having come out in 2002 and 2003 respectively, and as a result they both look pretty dated. But the pacey first- and third-person action, the usual lineup of famous *Star Wars* faces and the fact you can pick this up for under £20 all conspire to put a grin on your face.

In the first game you play Kyle Katarn, a former Jedi Knight who almost went to the Dark Side but now works as a mercenary for the New Republic. During your adventures you meet a number of interesting associates, including Lando Calrissian. *Jedi Outcast* was originally lauded for its combat, which features Force moves and a range of lightsabers. Eight years on and the gameplay still holds its own. Even the puzzles that were deemed a bit irksome at the time now seem fitting.

In the second game, *Jedi Academy*, Kyle Katarn is no longer the star of the show; in fact, he's a tutor at the Academy, along with Luke Skywalker, whose job it is to train up Jade, a novice Jedi (that's you). Things go wrong right from the start as your transport ship is attacked and crash-lands, leaving only two survivors. The rest of the game sees you travelling the galaxy in order to discover the reason for the attack. Despite the old graphics engine, the gameplay is robust and it's the marriage of cracking storylines and pleasingly varied missions that ultimately makes this bundle so satisfying. **AD**



This flurry of lightsabers is just what punters want in a Star Wars game.

>>FIRST-PERSON PUZZLER

Portal

Mac FORMAT Choice ★★★★★

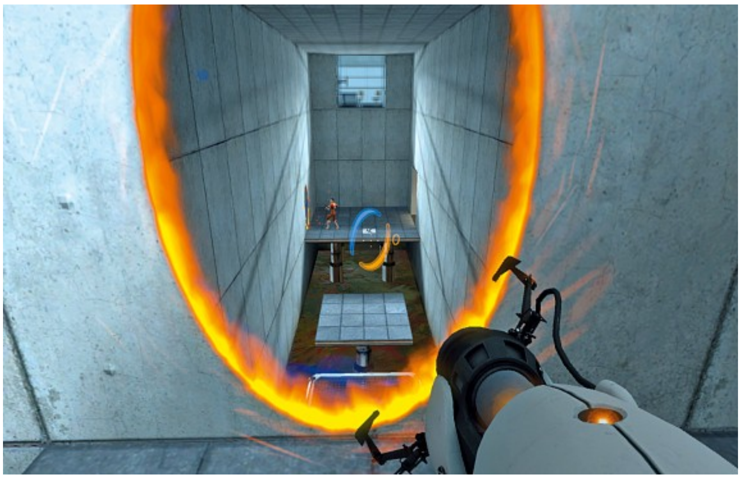
£17 Steam is here… and so is this insanely brilliant puzzle game

Before we plunge, almost literally, into our review of *Portal*, we need first to say a few words about Steam. For the uninitiated, Steam is Valve Corporation's content delivery system, or to put it another way, a shop front from which PC owners have, for the past few years, been able to purchase and download games from a long roster of publishers. Far more than just an online shop though, Steam also handles digital rights management for the companies whose games it hosts, sorts out automatic game updates, and, most importantly, offers gamers a number of multiplayer and community benefits.

There are two reasons for Mac users to be excited. First is that Steam is now available to us, along with a fairly decent initial line-up of games. Second, the rumour mill is going into overdrive about the possibility of Valve's *Half-Life* series getting a Mac release via the service. Exciting stuff. But for the moment we're sufficiently thrilled by the wonderfully off-the-wall *Portal*, and here's why.

Portal looks like a first-person shooter, but it is in fact a pure puzzler. The game takes place in the Aperture Science Enrichment Center, a vast building that has, for reasons unknown, been abandoned. You play Chell, a woman awoken from stasis. From here you're guided through a series of training exercises by the voice of the initially friendly but increasingly sinister AI guide GlaDOS. The point of this training is to familiarise you with portals.

After a few levels of familiarisation, you then must come to grips with the full implications of using your 'gun' to create and use portals. At a basic level these rifts in space are useful for getting to inaccessible areas. So to reach a high platform you'll first shoot a portal at the wall next to the platform (or in the ceiling above it) then open one in the wall next to you. Simply walk through the portal and you'll emerge up on the platform.



That person down there is you, standing next to the portal that you're standing in front of. Eh?

However, momentum and gravity also play a part, so it's possible to place a portal in the floor of a level below you, place another high up on a wall, then, when you drop vertically down into the first portal at speed, you'll fly horizontally out of the second portal and travel a fair distance, which is also useful.

> *"You're guided through a series of training exercises by the voice of the initially friendly but increasingly sinister AI guide GlaDOS"*

Later you are required to use portals to divert energy to moving platforms, as well as to avoid deadly toxic areas and gun turrets as things get gradually uglier.

We won't give too much of the plot away here, but suffice to say that as the game progresses, so you learn more about yourself, your situation and the true motives of GlaDOS, whose comments on your actions become increasingly bizarre. Indeed, it's the tight and often hilarious scripting of the game that represents at least half of the fun of playing *Portal* through to the end.

But despite being an almost perfectly formed game, *Portal* is a little on the short side. With only 19 levels in the main story mode, a fairly competent player can whip through it in a couple of playing sessions. There are some extremely tough challenge levels to be unlocked, which is a welcome bonus, but *Portal* still leaves you wanting more. Even so, what's here is worth every single penny. It's a unique game and one that will instantly secure a place in your list of all-time favourites.

In closing, it's worth noting that *Portal 2* is on its way and is due for a simultaneous PC and Mac release at the end of the year. If it's half as good as this game, we're in for a treat. **AD**

CONTACTS

Publisher: Valve
http://store.steampowered.com

REQUIREMENTS

OS: OS X 10.5.8, 10.6.3 **RAM:** 1GB **Video:** GeForce 8, ATI X1600 or higher **Other:** Mouse, keyboard, internet connection

PROS & CONS

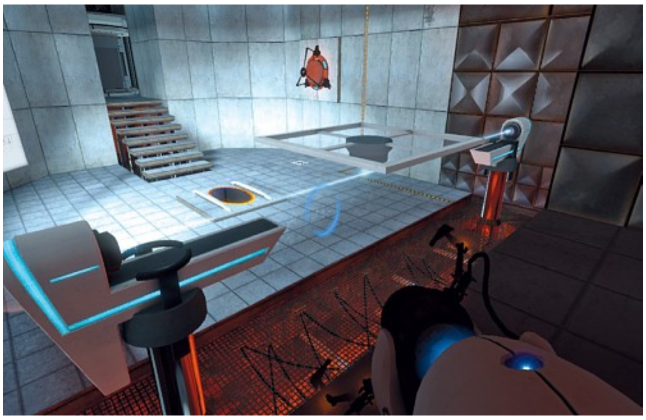
- ⊕ Amazing concept
- ⊕ Brain-bending portal system
- ⊕ GlaDOS is amusing
- ⊕ Puzzles beautifully graded
- ⊕ Killer bonus challenges
- ⊖ It's a bit short

VERDICT

★★★★★

"Funny and accessible, yet tough. This is a unique puzzler not to be missed."

Moving platforms need activating. That's what that receptor in the wall is for.



Apps

>iPAD >iPHONE >iPOD TOUCH

>>WELCOME
To our new section dedicated to all things iPhone, iPad and iPod touch related. The first three pages are for the iPhone and iPod touch, while the last two pages are iPad only.

>>iPHONE JOURNAL

Momento

MacFormat Choice ★★★★★

£1.79 This is what a diary behaves and looks like in the 21st century!

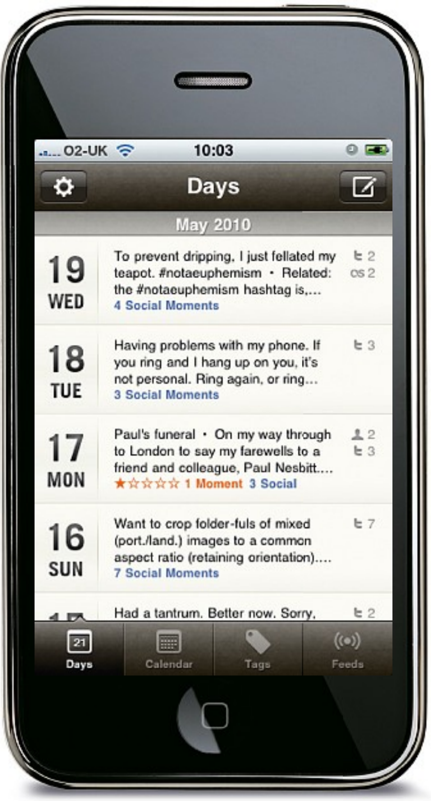
The idea of keeping a proper diary has tremendous appeal; those of us who blog, know the joy of wandering through old posts, wallowing in the nostalgia of past highs and lows, and learning from our mistakes. It all takes effort, though.

Momento is a brilliant little idea, allying the idea of a traditional journal with modern notions of metadata and social networks, and wrapping it all up in a smart interface for a device that you carry with you everywhere.

You can input diary entries easily, even retrospectively, and each entry can have a slew of metadata associated with it, such as a rating, people tagged from your contacts database, places, pictures and more. You can browse your events in a list, though frustratingly you can't go directly from one day to the next without tapping back to the overview then back in again to another day. You must use the calendar view, or drill down by place, people or tags.

> *"It can go for days without being opened, and then comb back through the activity on accounts and suck in the updates"*

The brilliance, though, is that it hooks into four social networks too, automatically pulling in tweets, Facebook statuses, pictures posted to Flickr and a note of what tracks you've 'loved' on Last.fm. It'll happily go for days without being opened, and then comb back through the activity on these accounts and suck in the updates that have been made in the intervening period. A system of icons and numbers beside each day's entry shows you what sources have been pulled in that day.



19 WED
To prevent dripping, I just fellated my teapot. #notaeuphemism • Related: the #notaeuphemism hashtag is,...
4 Social Moments

18 TUE
Having problems with my phone. If you ring and I hang up on you, it's not personal. Ring again, or ring...
3 Social Moments

17 MON
Paul's funeral • On my way through to London to say my farewells to a friend and colleague, Paul Nesbitt....
★☆☆☆☆ 1 Moment 3 Social

16 SUN
Want to crop folder-fuls of mixed (port./land.) images to a common aspect ratio (retaining orientation)....
7 Social Moments

Had a tantrum. Better now. Sorry,

Momento is making good use of Flickr's API to pull in the picture itself not just a notification that you posted something. It's not so smart as to parse in pictures posted on Twitter to popular services such as Twitpic in the body of tweets, and indeed doesn't even make any links tappable.

Still, a terrific idea, well implemented. **CP**

PROS & CONS

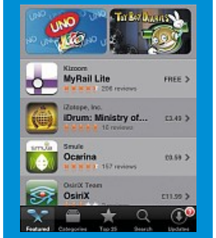
- ⊕ Social network integration
- ⊕ Rich metadata support
- ⊖ Room for improvement
- ⊖ Would like a Mac companion app

VERDICT

★★★★☆

"A lovely mix of traditional diary and modern social network and metadata integration."

DOWNLOAD THESE APPS



You can download these apps from the iTunes Store on your Mac or from the App Store on your iPhone or iPod touch.

5 ESSENTIAL APPS

Find out our favourites

1. Things
£5.99 Brilliant to-do list manager

2. Twitterrific
£FREE Great free iPad Twitter client

3. Photogene
£1.19 Edit photos on your iPhone (or iPad)

4. Instapaper Pro
£2.99 Save articles to read back later

5. iBooks
£FREE The UK iBookstore is now open!

5 GREAT GAMES

Our top time-wasters

1. Plants vs Zombies
£1.79 New take on tower-defence genre

2. Angry Birds
59p Fire birds from a catapult to kill pigs!

3. Real Racing HD
£5.99 A top motor-racing game for the iPad

4. N.O.V.A. HD
£3.99 First-person shooter for the iPad

5. Labyrinth 2 HD
£4.99 Guide a metal ball through a maze of traps

» iPHONE DIGITAL SCRAPBOOKING

eScrap App

£1.19 Get your craft on with this digital scrapbooking app!

PROS & CONS

- + High-quality designs
- + Can't save designs
- − Difficult to play with images
- − Low-res output

VERDICT

★★★☆☆

"Some of the issues can be addressed with updates."

Scrapbooking hasn't taken off in the UK like it has in the US, but there's still a strong market for it. As with scrapbooking in the real world, you use a range of preset shapes, letters and papers, to build up a page of memories in the form of a digital scrapbook.

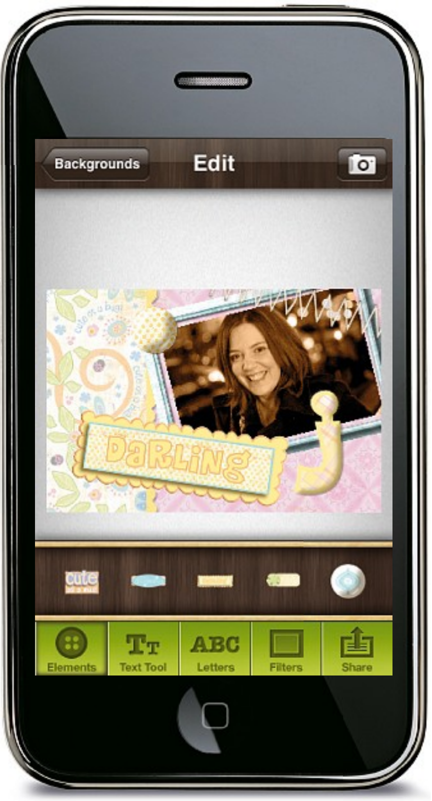
eScrap App lets you scrapbook on your iPhone, importing pictures from *Photos*. You can use the preset 'Quick Pages' or you choose from a theme, which includes paper and assets, so you can build your page up from scratch.

The assets, as befits the well-respected brand behind the app, are of a generally very high quality, though the range is currently a little small.

Layering up elements can be fiddly on the iPhone's small screen; it's often tricky to select the thing you're aiming for – there's no zoom control – and scaling, rotating and ordering page furniture can be a bit hit and miss, and you have to line elements up by eye only.

Still, the finished results can be pretty, and you can share them on Twitter, Facebook, via email, or by saving to *Photos*. Sadly, there's no way to save a design in a way that retains its 'editability', and the finished pages are limited to 480x320 pixels; don't envisage printing designs at high quality.

It's a fun, sweet app that has bags of potential, but the iPhone's small screen is a frustration. (An iPad version is incoming.) **CP**



» iPHONE CHILDREN'S BOOK

The Cat in the Hat

For iPad & iPhone

£1.79 Meet Thing 1 and Thing 2!

PROS & CONS

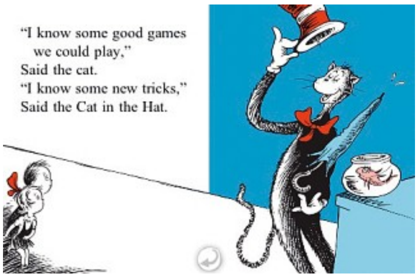
- + Bookmarks last place
- + Utterly charming
- − Not much beyond the story
- − No real animation

VERDICT

★★★☆☆

"Nicely done, and saves you a job at bedtime!"

The Cat in the Hat has taken its rightful place amongst the classics of children's literature for very good reason. It combines beautiful illustration with a story full of fun and mischief. This app (which works on both iPhone and iPad) is an absolute steal at £1.79, because it brings the story to life by reading it out loud and letting your children interact with the pages. Touched objects are named, while swipes progress the story. There's no proper animation, but frequent use of a Ken Burns zoom effect creates the impression of movement. **GB**



"I know some good games
we could play,"
Said the cat.
"I know some new tricks,"
Said the Cat in the Hat.

Be warned: this is perfect excuse for your kids to get their hands on your iPad!

» iPHONE TWITTER CLIENT

Twitter

FREE Tweetie turns official

Previously, *Tweetie* was our favourite Twitter client to use on the iPhone, but updates had slowed and it started to be left behind by other, more fully featured Twitter clients. Until, that is, Twitter themselves decided to buy it, and turn it into the iPhone's official *Twitter* app for the iPhone. It's packed with loads of new features such as Geotags, Suggested Users, Lists and (finally) new-style Retweets. People tend to stick with the first *Twitter* app they used, but you now need a good reason not to choose the official app. **GB**

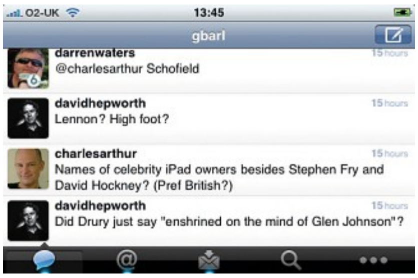
PROS & CONS

- + Free and official
- + New features
- − No push notifications
- − Lacks some features

VERDICT

★★★★☆

"Lacks push notifications, but has all the basics."



darrenwaters 15 hours
@charlesarthur Schofield

davidhepworth 15 hours
Lennon? High foot?

charlesarthur 15 hours
Names of celebrity iPad owners besides Stephen Fry and David Hockney? (Pref British?)

davidhepworth 15 hours
Did Drury just say "enshrined on the mind of Glen Johnson"?

Twitter app is now the new Tweetie, which was the old Twitter client. Geddit?

» iPHONE ACTION

Mad 'o' Ball 3D

£2.39 Ball plus maze plus accelerometer equals fun

PROS & CONS

- ⊕ Lots of levels
- ⊕ Increasingly hazardous
- ⊕ Amusing blues soundtrack
- ⊖ Visually unclear at times

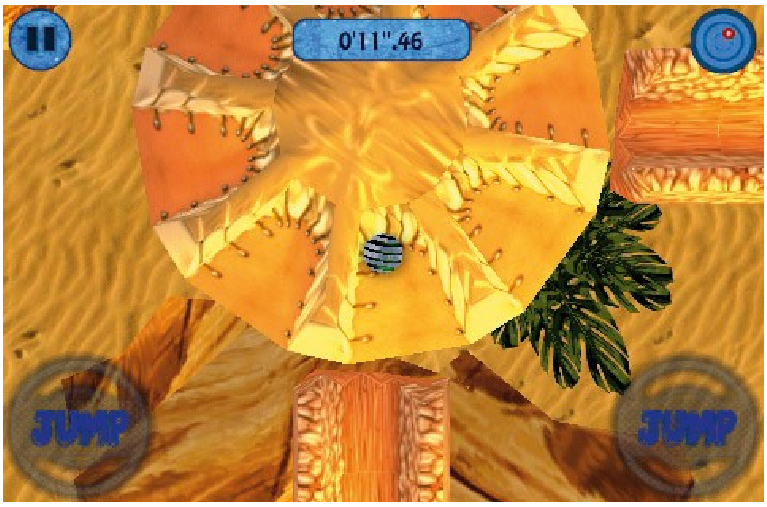
VERDICT

★★★½☆

"Not all that slick, but Mad 'o' Ball is oodles of fun."

Pretty much any game that features a ball and a maze – and that uses the iPhone's accelerometer – is going to be worth the asking price.

Mad 'o' Ball 3D, while not as slick or interesting as either *Monkey Ball* or *Labyrinth*, nevertheless frustrates and fascinates from start to finish. The idea is simply to roll the ball from the start to the finish of 32 floating mazes. Hazards come in the form of rotating platforms, steep inclines, jumps and the like. The topography of the mazes is not always clear, which can lead to frustration, but it's compelling enough to keep you plugging away to the bitter end, then go at it again to improve your times. **AD**



Frustrating fun: Mad 'o' Ball provides yet another reason for you to be addicted to your iPhone.

» iPHONE EPISODIC ADVENTURE

1112 – chapters 1&2

£2.99 (per chapter) The weird and wonderful

PROS & CONS

- ⊕ Great looks and sounds
- ⊕ An unsettling atmosphere
- ⊕ Hefty price
- ⊖ Clumsy user interface

VERDICT

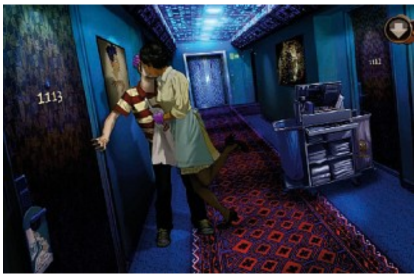
★★★★☆

"An unsettling and intriguing adventure."

We missed the first chapter of this adventure, but having caught up with it, we recommend it. The story takes place in a version of America with a government that has banned booze, cigarettes and seems intent on spoiling everyone's fun.

Not a lot happens initially. In fact the protagonist just has to perform a few chores. But a recurrent nightmare and increasingly incongruous events soon starts to unsettle.

Our only gripe is that at six chapters long, the game will cost £18. Even so, this is an ongoing drama that we can't wait to get to the bottom of. **AD**



While the maid's making out you can duck inside and steal her keys.

» iPHONE RPG

Chaos Rings

£7.49 Square Enix first iPhone-only RPG

The makers of *Final Fantasy*, Square Enix, have graced our iPhones with this RPG. And save for a few niggles and an inflated price tag it's a stunner.

The story involves characters being transported to an unknown realm where 'The Agent' informs them they have to fight in order to attain immortality. Weird! What follows is monster encounters, exploration, turn-based combat and levelling up.

There are puzzles to break up the random battling. It has plenty of replay value too; once you've finished, play again with other characters and experience alternate endings. There's plenty of game here... **AD**

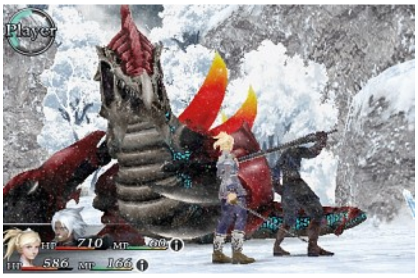
PROS & CONS

- ⊕ Intriguing premise
- ⊕ Enjoyable combat
- ⊕ Fun puzzles
- ⊖ Costs a lot

VERDICT

★★★★☆

"A great-looking and thoroughly enjoyable iPhone exclusive."



In combat you can either attack your opponents individually, or as a team.

>> INTERNATIONAL SAVINGS AND WELCOME GIFT

Subscribe to MacFormat

and get yourself a MacFormat-branded USB flash drive filled with 13 back issues as PDFs!

Our newly updated *MacFormat*-branded USB provides you with content from 13 back issues, meaning you never again have to hunt through old magazines looking for that must-read article. Or simply use it for storing your own files!

All your Apple needs
Mac
FORMAT

FANTASTIC WELCOME GIFT!

This USB flash drive contains 13 complete issues of the UK's best-selling Mac magazine

>> WHY SUBSCRIBE?

- Get every issue delivered to your home or workplace wherever you are in the world!
- Get 13 issues a year of troubleshooting advice and reviews of all the latest Apple kit
- Never miss an issue!
- Get exclusive access to our subs-only area on the *MacFormat* website, giving you unlimited access to the *MacFormat* archive

All your Apple needs
Mac
FORMAT
>Mac >iPhone >iPad
>Issue 223 July 2010
NEW 2.4GHZ MACBOOK
WHY IT'S TIME TO UPGRADE
Full review p86
MACFORMAT ESSENTIALS
84 PAGES OF ADVICE!
The UK's no. 1 Mac magazine
Photoshop tips & tricks
Learn how to save your selections
Make better movie credits
Use Keynote and iMovie together
Stepping up to Aperture
First steps with Apple's pro app
THE LATEST KIT REVIEWED
> Adobe Creative Suite 5
> MacBook Pro 17-inch
> MacBook 2.4GHz
AND MUCH MORE!
MASTER... iPHOTO, iMOVIE, GARAGEBAND AND iWEB
iLife
40 cool features you probably don't use... but should!
TUTORIALS
Discover Steam
Get into gaming on your Mac
Mac solutions
Your Mac questions answered
IN DEPTH
Art on the iPad
Unleash your creative side
DISC INSIDE!
iCompata 3.3.6 Get your personal finances in order
Disc Order 2.5.1 A more powerful Finder replacement
techradar.com
Future

>> MACFORMAT PRICES**

Europe pay £79.20 **Rest of world** pay £90

www.myfavouritemagazines.co.uk/mfc/p118

or call (+44) (0) 1604 251 045 quoting code p118

Contact centre opening times are: 08:00 to 21.30 weekdays, 08:00 to 16:00 on Saturdays

From the USA or Canada?

USA & Canada pay $129.99 saving 37%

www.imsnews.com/macformat-a036

or call our hotline TOLL FREE on 1-800 428 3003 quoting code a036

Terms and Conditions **ROW do save money, but have no set newsstand price therefore we can't advertise amount saved. UK, EU & ROW pay GBP. USA & Canada pay USD. Minimum subscription term is 12 months. Your subscription will start with the next available issue. You will receive 13 issues of *MacFormat* a year. If at any time during the next 60 days you are dissatisfied in any way, please notify us in writing and we will refund all unmailed items. Offer ends 30 August 2010.

>>iPAD SCIENCE TEXTBOOK

The Elements: for UK & Ireland

Mac FORMAT Choice ★★★★★

£7.99 Forget what you learned as school – chemistry can be fun…

PROS & CONS

- + Makes science fun
- + Gorgeous visual effects
- − Repetitive format
- − Takes up 1.2GB of space

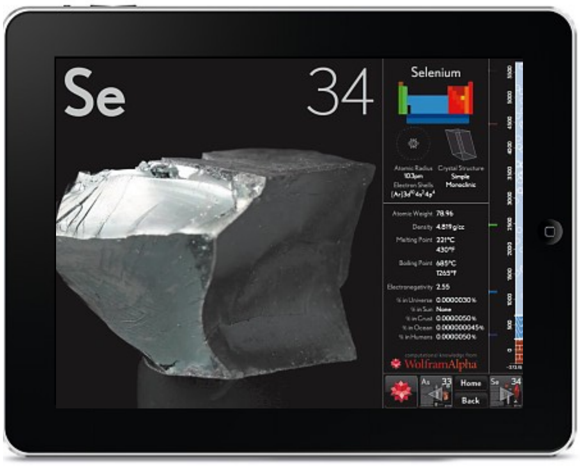
VERDICT

★★★★★

"This nifty app brings science to life on the iPad."

Here's an app that really showcases what the iPad is capable of, and how it can bring books to life to produce a totally new and captivating reading experience. *The Elements* is based on the best-selling book by Theodore Gray, *Popular Science Magazine's* Gray Matter columnist. It's a visual exploration of the periodic table of the elements. From the main table screen you can tap on any element to find out all about it. You'll see a smoothly rotating 3D example of an object made of that element. What's great is that you can use your finger to rotate it 360 degrees, or give it a spin and watch it gradually slow down. Any of the facts and figures alongside each element can be tapped to access the Wolfram Alpha computational knowledge engine for all sorts of scientific titbits of information, and the text from the book is also accessible on a separate page. While the Wolfram Alpha data is frighteningly off-putting in its level of detail, the text of the book is actually very accessible and would suit a school-age reader learning about the periodic table of the elements for the first time, as well as an adult.

You could argue that the app is a bit repetitive – each page for each element has the same basic structure – objects to rotate, or videos to watch and text to read, but when those pages look so lovely this seems a bit of a mean criticism.



Atomic Radius 103pm
Crystal Structure Simple Monoclinic
Electron Shells [Ar]3d¹⁰4s²4p⁴
Atomic Weight 78.96
Density 4.819g/cc
Melting Point 221°C 430°F
Boiling Point 685°C 1265°F
Electronegativity 2.55
% in Universe 0.0000030%
% in Sun None
% in Crust 0.0000050%
% in Ocean 0.000000045%
% in Humans 0.0000050%
computational knowledge from WolframAlpha

Take a closer look at the elements with this superlative interactive book.

Eight pounds might seem like a lot for an iPad app, but if you compare it to the price of buying the hardback version of the book it's actually a huge bargain. If we'd had an iPad and *The Elements* at school, our chemistry grades would have been significantly higher. The only thing to look out for is that you get this localised UK edition from the store when you buy it, since the 'normal' version is in US English – both apps are exactly the same price. **GB**

>>iPAD NEWS READER

The Early Edition

£2.99 Your very own iPad newspaper

PROS & CONS

- + Fun idea
- + Lovely interface
- + Google Reader integration
- − Formatting can look odd

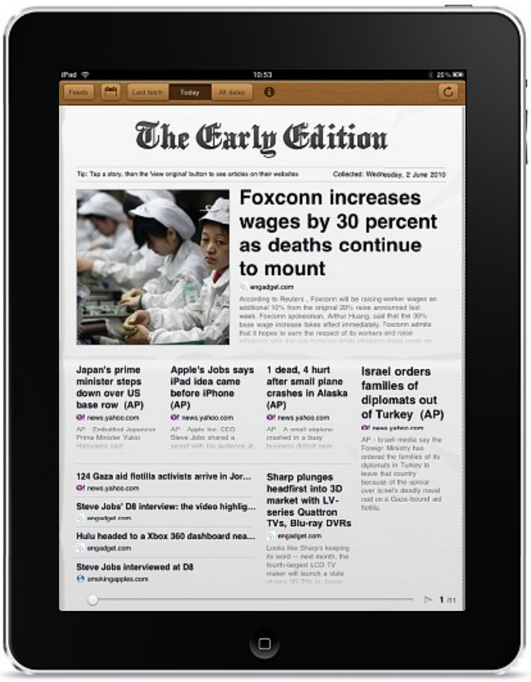
VERDICT

★★★★☆

"A more creative way to enjoy your news feeds."

Glasshouse Apps' *The Early Edition* creates a bespoke daily newspaper packed full of exactly the things you are interested in, because it draws its stories from your selected RSS feeds. It's essentially just an RSS reader, but the newspaper analogy is reinforced by the effective use of a newspaper-style logo, fonts and columns. The app comes with a few sample RSS feeds pre-loaded, but it's easy to add your own favourites and integrate with your Google Reader feeds. If you view a single RSS feed you get a newspaper containing everything from that feed, or you can tap on the All Feeds button to view a mix of all your feeds in the same paper. There's also *Instapaper* integration and a View Original button to tap on if you want to view the webpage the feed is coming from. If you want a more traditional way to view your news feeds then *The Early Edition* is for you. **GB**

Turn your newsfeeds into a sumptuous digital newspaper with The Early Edition.



The Early Edition

Tip: Tap a story, then the 'view original' button to see articles on their websites

Collected: Wednesday, 2 June 2010

Foxconn increases wages by 30 percent as deaths continue to mount

engadget.com

According to Reuters , Foxconn will be raising worker wages an additional 10% from the original 20% raise announced last week. Foxconn spokesman, Arthur Huang, said that the 30% base wage increase takes effect immediately. Foxconn admits that it hopes to earn the respect of its workers and raise

Japan's prime minister steps down over US base row (AP)

news.yahoo.com

AP - Embattled Japanese Prime Minister Yukio Hatoyama said

Apple's Jobs says iPad idea came before iPhone (AP)

news.yahoo.com

AP - Apple Inc. CEO Steve Jobs shared a secret with his audience at

1 dead, 4 hurt after small plane crashes in Alaska (AP)

news.yahoo.com

AP - A small airplane crashed in a busy business district near

Israel orders families of diplomats out of Turkey (AP)

news.yahoo.com

AP - Israeli media say the Foreign Ministry has ordered the families of its diplomats in Turkey to leave that country because of the uproar over Israel's deadly naval raid on a Gaza-bound aid flotilla.

124 Gaza aid flotilla activists arrive in Jor…

news.yahoo.com

Steve Jobs' D8 interview: the video highlig…

engadget.com

Hulu headed to a Xbox 360 dashboard nea…

engadget.com

Steve Jobs interviewed at D8

smokingapples.com

Sharp plunges headfirst into 3D market with LV-series Quattron TVs, Blu-ray DVRs

engadget.com

Looks like Sharp's keeping its word -- next month, the fourth-largest LCD TV maker will launch a slate

>>iPAD ARCADE ACTION

Plants vs Zombies HD

Mac FORMAT Choice ★★★★★

$10 (£6) Hrrrrn! Grrrr! Rrrrngg! The zombies are coming!

PROS & CONS

- ➕ Huge variety of plants
- ➕ Charming graphics
- ➕ Plenty of levels
- ➖ Only single player

VERDICT

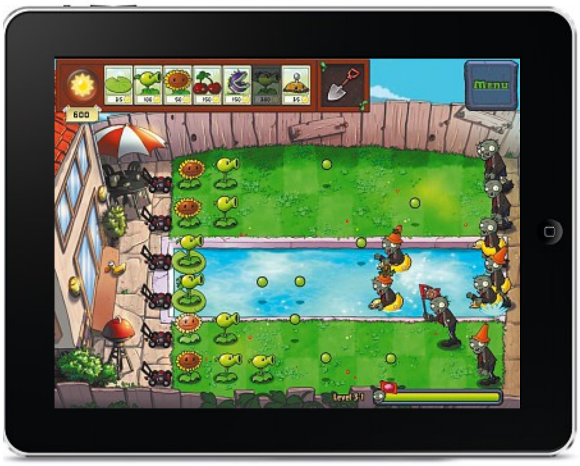
★★★★★

“Proof the undead can bring new life into a tired format.”

So it’s just another typical day in suburbia – the sun is shining, your neatly mowed lawn is a resplendent shade of green, and hordes of zombies are about to invade your home. Wait, run that last bit by us again? This is, in fact, a typical day in suburbia as put through the slightly deranged PopCap Games filter. Therefore, instead of pruning your shrubs, you must think fast and place plants with special powers on your grid-like lawn (and, later, roof) to combat the undead.

Plants vs Zombies is a new twist on the classic tower-defence genre. Essentially, the zombies attack (slowly) and you have to stop them by laying plants in their path. Before you can plant anything though, you need energy. You get this from suns that descend from the sky or are generated by the handy sunflowers you plant. The more energy you have, the more deadly varieties of plants you can grow. The little horrors can fire seeds or present traps to foil the lumbering zombies, who swarm in ever-increasing waves towards you. As levels progress, new and interesting plants and zombies are added to the mix, as well as more challenging environments.

As you might have gathered by now, this game doesn’t take itself entirely seriously – zombies send you hand-scrawled notes and come in many varieties, one of which happens to moonwalk while a spotlight shines on him. There’s no doubt the humour and stunning graphics are what draw you in, but it’s the gameplay that grips you, cunningly revealing new features and occasional mini-games throughout its 50 levels. It’s testament to the quality of this tower-defence game that while we’re thoroughly sick of the genre (what with the billions of examples out for iPhone), *Plants vs Zombies* HD has nonetheless managed to become our favourite iPad game. **CG**



Even water can’t stop the zombies from trying to eat your brains.

>>iPAD STRATEGY GAME

Strategery

$1.99 (£1.19) It’s like Risk, but on your iPad

PROS & CONS

- ➕ Play over the internet
- ➕ Fiendishly addictive
- ➖ Basic features
- ➖ Occasional crash

VERDICT

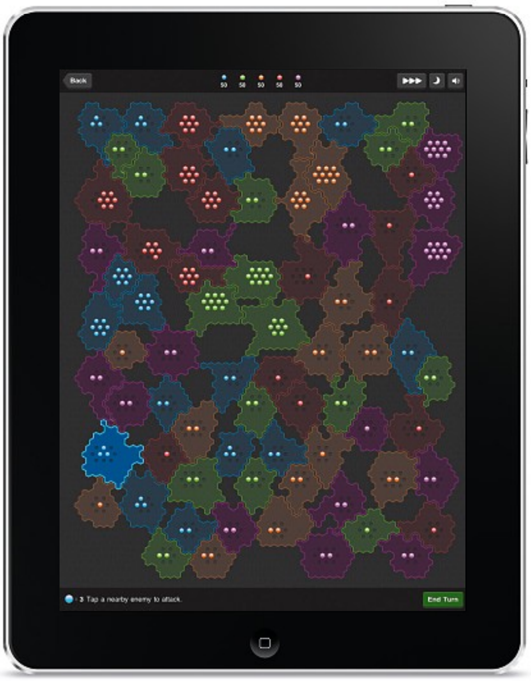
★★★★☆

“Addictive. You always have to have just one more go.”

This surprisingly deep turn-by-turn strategy title combines elements of *Risk* and other turn-based world-domination strategy games. The premise is simple: you have to conquer territories on a map by attacking your opponent’s forces with your own via dice rolls. Each game is unique thanks to randomised maps and the lack of stockpiling forces more strategic thought and long-term planning. But what really makes *Strategery* work is that you can play over the internet, which means turns can be fitted in throughout the day.

Strategery is crying out for extra features, like the ability to chat in-game, or the ability to log in with the same account on more than one device, but even as it stands, warts and all, it’s great fun. In fact, we have to admit that work on this magazine’s issue almost came to a standstill once *Strategery* arrived in the *MacFormat* office. You have been warned! **CG/GB**

Strategery has mastered the ‘just one more go’ quality better than most.



Transcend the clamour of the commute with a decent pair of iPhone-compatible earbuds.
Photography by Andy Short

Earbuds for iPhones

Ian Osborne takes a look at six pairs of leading iPhone-compatible earbuds with inline controls

Let's be honest. The earbuds Apple bundles with its iPod and iPhone range are horrible. Their sound quality is terrible, with weak bass and a tinny mid-section, they're uncomfortable in the ears and have abysmal sound isolation. It's as if a decade's progress in audio design passed Apple by, leaving you with earbuds that would struggle to impress at the turn of the century, and certainly won't satisfy now. If you've invested in an Apple audio device, it makes sense to spend a little more and get yourself a set of earbuds that do your music justice. And if that device is an iPhone, you could go for a set with inline controls.

In a nutshell, inline controls enable you to operate your iPhone from a unit mounted on the earbuds' cable. At the very least, you can pause your music and receive an incoming call at the push of a button, while an inline mic allows you to converse without removing your earbuds – much better than fishing around in your pocket for your phone. Some headsets on test also offer volume controls, track skipping and VoiceOver support.

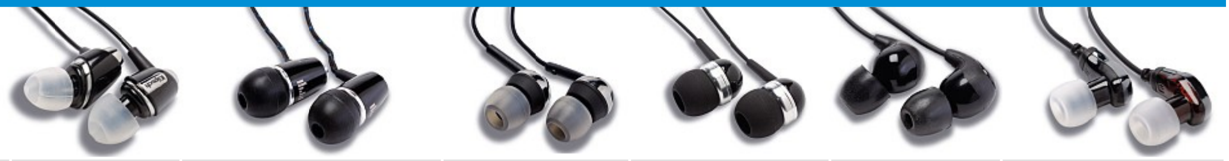
In this group test, we take a look at six iPhone-compatible earbuds that cost under £120. Are they comfortable to wear? Are they easy to use? Is the sound quality up to scratch? We pitch them against each other and see which set comes out on top.

> *"If you've invested in an Apple audio device, spend a little more on a set of earbuds that do your music justice"*

DID YOU KNOW THIS?

For £25, the m-JAYS adaptor gives any earphones with a 3.5mm plug an answer button and a microphone. It's not exactly ideal, but it's a cheap way of turning your current earbuds into inline headphones.

iPHONE EARBUDS / At a glance



	Klipsch Image S4i	Radiopaq Custom Tuned Jazz	Scosche IDR655m	Sennheiser MM50iP	Shure SE115M+	Ultimate Ears SuperFi 5vi
Price *	£86	£50	£60	£40	£112	£60
Manufacturer	Klipsch Group, Inc	Radiopaq Ltd	Scosche Industries	Sennheiser UK Ltd	Shure Distribution UK	Logitech, Inc
Website	www.klipsch.com	www.radiopaq.com	www.scosche.com	www.sennheiser.co.uk	www.shure.co.uk	www.ultimateears.com
Frequency response	10Hz-19kHz	18Hz-20KHz	15Hz-20KHz	18Hz-22KHz	22Hz-17.5KHz	15Hz-15KHz
Sensitivity	110dB	120dB	(Figures unavailable)	106dB	105dB	115dB
Impedance (1kHZ)	18 Ohms	16 Ohms	(Figures unavailable)	16 Ohms	16 Ohms	13 Ohms
Cable length **	134cm	126cm	139cm	106/142cm ***	150cm	124cm
Weight	10g	13g	11g	9g	18g	11g
Colour	Black, silver trim	Black, blue and silver details	Black, gun metal trim	Black, silver trim	Black, gold labels	Black, white details
Tips supplied (pairs)	4	3	6	3	7	6

* All prices are taken from Amazon.co.uk, and are correct at the time of writing. ** Measured from the tip of the plug to the top of the earbuds.

*** Measurements taken at the top of each of the asymmetrically-cabled earbuds.

The Sennheiser controls and mic sit close to the buds - that's good and bad.

»TEST ONE

Ease and comfort

How do they feel and are the controls in easy reach?

The optimal form factor for iPhone-compatible earbuds is a mic on one of the earbud cables, and therefore near the mouth, with the controls placed in easy reach where the lead splits in two, resting on your sternum when in use. The Radiopaq and Scosche sets do just that, with the Ultimate Ears taking a similar approach but with much lower controls that hang near your navel. The others combine the mic and controls in a single unit. Shure and Sennheiser place it near the ear, which is fine for the mic but less accessible, and Klipsch fits it at the sternum, where this is reversed.

All the buds on test were at least reasonably comfortable, though the Scosches felt like they should go deeper into the ear. Most used rubber flanges for tips, but the Shure and Ultimate Ears sets also offered foam pads for better sound isolation. Radiopaq's Custom Tuned Jazz earbuds felt a bit heavy, and some users found them difficult to keep in the ear.

»TEST RESULTS

Klipsch Image S4i	★★★☆☆
Radiopaq Custom Tuned Jazz	★★★☆☆
Scosche IDR655m	★★★⯪☆
Sennheiser MM50iP	★★★☆☆
Shure SE115M+	★★★⯪☆
Ultimate Ears SuperFi 5vi	★★★☆☆

»TEST TWO

Audio quality

Does the sound quality meet with our expectations?

We found that inline controls can take a toll on sound quality, especially bass reproduction. The Scosche sounded the best, with a crisp, throbbing bottom end that was sorely lacking in some of the others. The Sennheisers had the strongest bass, but it tended to swamp the mix at times, and overall sound detail wasn't as good as the Sosches.

Indeed, the Scosche impressed across the board, with good range and clarity, and impressive detail and shape; a refreshingly lively sound. The Radiopaqs offered a crystal-clear top end, but the bass was so weak we had to switch to the biggest set of tips to stop it leaking. Perhaps surprisingly, the most expensive earbuds we tested had weakest audio performance. Despite a good mix, the Shures are dull and lifeless. Ultimate Ears put in a good all-round performance without excelling in any particular area, and the Klipsch earbuds were great for definition and clarity, but the bass could be better.

»TEST RESULTS

Klipsch Image S4i	★★★★☆
Radiopaq Custom Tuned Jazz	★★★☆☆
Scosche IDR655m	★★★★★
Sennheiser MM50iP	★★★☆☆
Shure SE115M+	★★⯪☆☆
Ultimate Ears SuperFi 5vi	★★★⯪☆

The Ultimate Ears buds' sound can't be described as 'ultimate', but it's decent enough.

» HOW WE TESTED / Putting the headsets through their paces

When testing the iPhone-compatible earbuds, we asked some searching questions. Are the inline controls comfortably placed and accessible? This is important in a device that's designed to offer the convenience of receiving phone calls without taking your iPhone out of your pocket. Do the tips feel comfortable in the ears? How do they sound? A common complaint with inline-controlled headsets is that bass is compromised, with non-inline versions of the same earbuds offering much better reproduction at the lower end of the audio spectrum. We also looked for clarity and shape. Does the audio sound flat and lifeless, like with the bundled Apple earbuds, or is it gloriously three-dimensional, like a live performance?

Do the earbuds offer features above and beyond the standard inline call receiver and mic? What about volume controls and track skipping? We also took a look at what accessories are bundled with the headsets, such as cleaning tools, carry cases and spare tips. Finally, we asked whether they're value for money.

Mac FORMAT This Week

We put the earbuds under the spotlight to find the best pair.

>>TEST THREE

Feature set

What other capabilities do the headsets offer?

Three of our earbud sets offer inline volume controls as well as a call receiver and mic, namely the Klipsch, Scosche and Shure units. Unfortunately, iPhone owners can only take advantage of this feature if they have a 3GS model (which is the latest release at the time of writing), though it works on some recent iPods too.

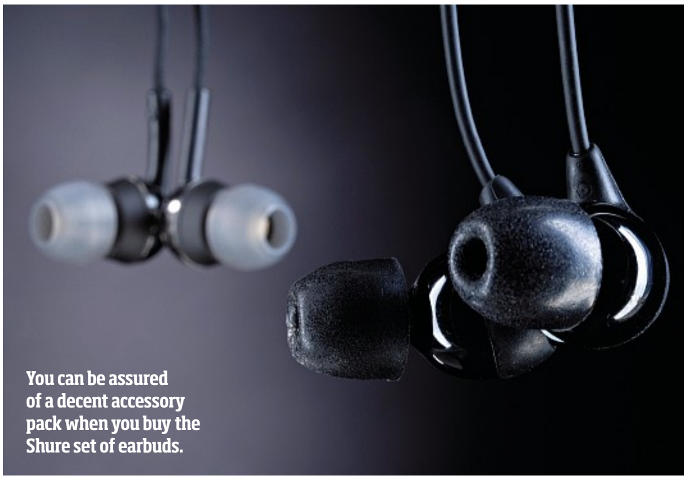
These same three earbud sets also offer VoiceOver compatibility. When listening to a VoiceOver-capable device such as the latest iPod shuffle or nano, you can have the name of the current track and its artist read out to you without interrupting your music. You can even navigate through your playlists from the inline controls.

All six sets of earbuds on test let you skip to the next or previous track using rapid taps on the main control button. The Radiopaq and Scosche earbuds use nylon-braided cables, which are less prone to tangling and very useful if you tend to carry them around in your pocket.

>>TEST RESULTS

Klipsch Image S4i	★★★★☆
Radiopaq Custom Tuned Jazz	★★★☆☆
Scosche IDR655m	★★★★★
Sennheiser MM50iP	★★☆☆☆
Shure SE115M+	★★★★☆
Ultimate Ears SuperFi 5vi	★★☆☆☆

The Klipsch set of buds offer volume controls as well as mic and call receiver controls.


You can be assured of a decent accessory pack when you buy the Shure set of earbuds.

>>TEST FOUR

Accessories

What do you get in the box, and is it worth the money?

The Radiopaq and Sennheiser sets are the least generous with accessories. Both offer three sizes of earbud tips, and nothing else. To be fair, they're also the two least expensive sets on test, but they could have at least thrown in a small carry case.

Talking of carry cases, the other four sets all include one. Shure gives you a zip-lock bag, which is solid and protective but quite bulky. The Klipsch and Scosche sets offer a velvet and sheepskin pouch respectively, and Ultimate Ears comes bundled with a tough plastic capsule to keep your cables from tangling.

The Klipsch, Ultimate Ears and Shure sets come with a handy cleaning tool and Klipsch and Scosche give you a clip to attach the cable to your clothes.

All six earbuds offer a range of tips so you can choose the pair that best suits your ears. And kudos to Ultimate Ears and Shure for giving a choice of foam and rubber tips.

>>TEST RESULTS

Klipsch Image S4i	★★★★☆
Radiopaq Custom Tuned Jazz	★★☆☆☆
Scosche IDR655m	★★★½☆
Sennheiser MM50iP	★★☆☆☆
Shure SE115M+	★★★★½
Ultimate Ears SuperFi 5vi	★★★★☆

>>THE WINNER / Scosche IDR655m

It was a tough decision. No single set of earbuds stood out from the crowd as being without flaws. Scosche's IDR655m earbuds could have felt a touch more comfortable and its accessory range isn't great. But overall, it's the best of the bunch, with excellently placed mic and controls, a beautifully lively sound and a comprehensive feature set, though you need an iPhone 3GS or a recent iPod to take advantage of some of those features.

The Sennheiser MM50iP set came a close second. Amazon is currently selling them for £40 – very good for a headset of this quality. As long as you don't mind one of the earbud leads being longer than the other so they sit side-saddle under your chin, they offer great value for money.

>>FINAL RESULTS

Klipsch Image S4i	★★★½☆
Radiopaq Custom Tuned Jazz	★★★☆☆
Scosche IDR655m	★★★★½
Sennheiser MM50iP	★★★★☆
Shure SE115M+	★★½☆☆
Ultimate Ears SuperFi 5vi	★★★½☆

Mac FORMAT Winner!

techradar

132 pages of expert reviews and advice!

NEW!

PHONE BUYING GUIDE

TOP 100 PHONES RATED

Every essential phone on sale today, tested and reviewed

SMARTPHONE

HTC Desire vs iPhone

Choose the best smartphone for you

Issue one on sale 6 July 2010

ANDROID

Google Nexus One

The original and most versatile Android phone

Available at WHSmith, Sainsbury's, Tesco and selected newsagents. Also available online at **www.techradar.com/phonebuying**

"The new MacBook features vastly improved graphics capabilities"

» MORE ABOUT THE MACBOOK P117

HOW TO BUY

How to buy a new Mac 114
Choose the right Mac 116
What about an iPhone or an iPad? 118
Choosing an iPod 120

TOP GEAR

Keyboards & mice 122
Printers & All-in-ones 122
Displays 122
Speakers 122
Digital cameras 123
Digital video cameras 123
Routers/networking 123
Storage 123
Home office 124
Visual tools and layout 124
Games 124
Multimedia software 124

Buyers' Guide

- DESKTOPS
- LAPTOPS
- iPADS
- iPODS
- iPHONES

Graham Barlow
Editor

Hot on the heels of last month's update to the MacBook Pros with Core i7 and Core i5 processors comes a refresh of the humble MacBook range. Apple has now upped the processor to 2.4GHz and the graphics capabilities to an NVIDIA GeForce 320M, which is the same graphics chip found in the 13-inch MacBook Pro. You still only get 2GB of RAM with the white MacBook, compared to the MacBook Pro, which has 4GB.

The bad news is that Apple has pushed the price of the MacBook up to £849, which is just £150 less than the 13-inch MacBook Pro. When you look at the differences between the two machines, the MacBook doesn't have an SD card slot or the nice unibody aluminium enclosure and backlit keyboard, but that's about all. Both Macs have Apple's superb long-life battery, which lasts up to 10 hours on a single charge. What an interesting dilemma this presents!

» BUYING ADVICE YOU CAN TRUST

Our mission is to ensure that when you buy a Mac-related product, you are completely informed about its best and worst features. We have a cast-iron policy of editorial independence. **For the latest prices and full review see the TechRadar URL listed next to each review.**

How to buy a new Mac

Not sure which Mac to buy? We'll help you choose!

>> DID YOU KNOW THIS?

The latest release of the MacBook Pro introduces Intel's new Core-i series of processors throughout the 15-inch and 17-inch range. The 2.66GHz Core i7 model is Apple's fastest notebook.

The iMac range currently comes in just two screen sizes – 21.5-inch and 27-inch.

The Mac Pro is the most configurable Mac. There's almost too many options!

Apple sells its products every which way at once. You can buy a Mac direct from the online Apple Store (**http://store.apple.com/uk**); from one of the growing number of bricks-and-mortar Apple Stores around the country; from official 'Apple shops' within department stores, staffed by certified Apple Solutions Consultants; and from hundreds of independent Apple Authorised Resellers and Premium Resellers, variously selling online or on the high street.

The bigger independents buy direct from Apple, while others go through a network of distributors, listed at **www.apple.com/uk/buy/distributors**. Given this range of outlets, shopping around for your Mac could save you money – but probably not very much. There simply isn't much profit margin for independent dealers to knock off. The Mac's popularity means Apple doesn't have to leave a big gap between its wholesale prices and Apple Store prices – effectively the minimum and maximum level at which retailers can sell their wares.

Authorised Resellers may knock a few pounds off Apple Store prices, and can also sell you other kit at competitive prices. Although you may find fractionally lower prices online, by choosing a local dealer you could get the benefit of trying before you buy and having someone on hand to answer questions. Either way, Mac resellers tend to be very knowledgeable and keen to help.

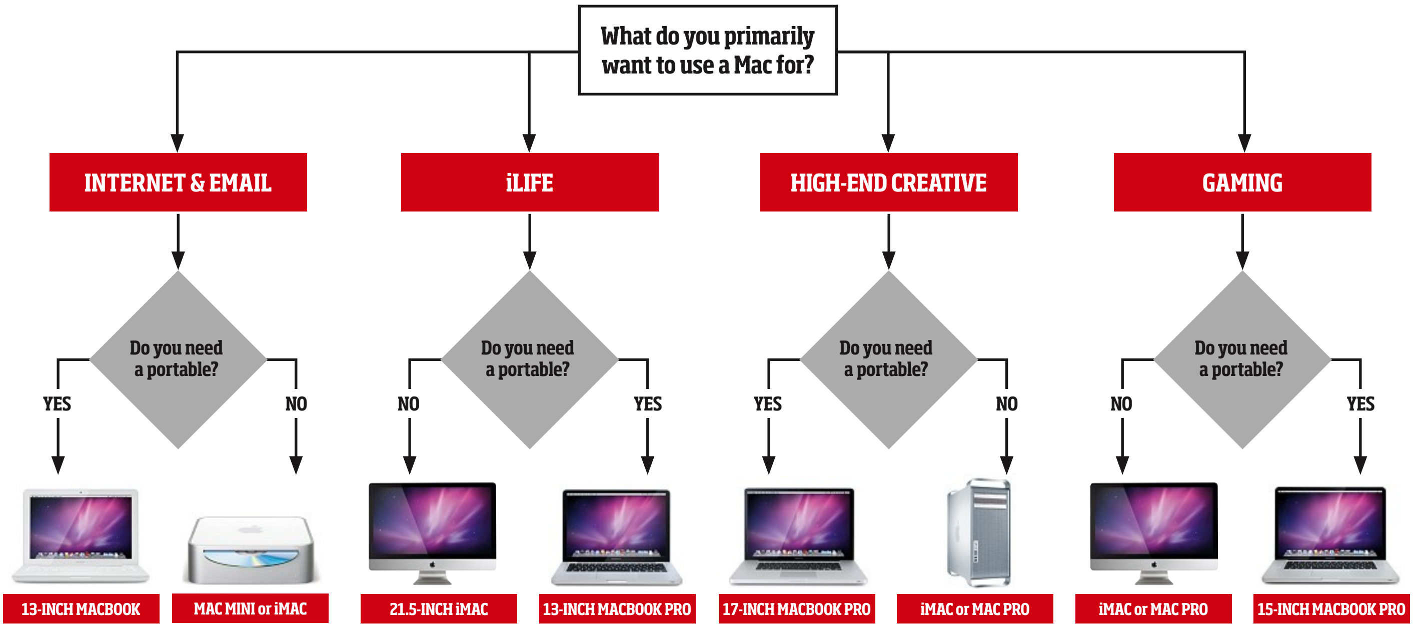
There are a couple of other ways to cut the cost of a new Mac. Business buyers can save a fortune by reclaiming the VAT and offsetting the purchase against tax. If you're not eligible, you may still qualify for a discount from Apple. Any student or teacher can get special pricing, as listed at **www.apple.com/uk/education/store**. That includes schoolkids. The reductions aren't huge, but they're worth having: for example, a dual-core 27-inch iMac lists for £1,295, compared to the regular price of £1,378. Authorised Resellers can access these special rates and may even shave a bit more off for you.

To help you find the cash, Apple also offers financing options. For consumers, this spreads the payments, though you do pay interest. For businesses, flexible leasing knocks more off your tax bill and lets you upgrade your hardware – and indeed software – when necessary without spending big chunks of capital. You can find out plenty more at **www.apple.com/uk/financing**.

Your budget will stretch even further with clearance, refurb and second-user deals. If you can suppress your envy of marginally newer, shinier kit, the best time to shop for a Mac is

> *"Authorised Resellers may knock a few pounds off Apple Store prices, and you can also sell you other kit at competitive prices"*

CHOOSING A MAC / WHICH ONE IS RIGHT FOR YOU?


What do you primarily want to use a Mac for?
INTERNET & EMAIL
iLIFE
HIGH-END CREATIVE
GAMING
Do you need a portable?
YES
NO
13-INCH MACBOOK
MAC MINI or iMAC
Do you need a portable?
NO
YES
21.5-INCH iMAC
13-INCH MACBOOK PRO
Do you need a portable?
YES
NO
17-INCH MACBOOK PRO
iMAC or MAC PRO
Do you need a portable?
NO
YES
iMAC or MAC PRO
15-INCH MACBOOK PRO

just after Apple brings out new models. Wander down to John Lewis and you're quite likely to find the last of the old range with three-figure reductions. Do check the specs against the incoming versions, which will offer more for the same original price, but at the bottom end of the range you could pay less than the current entry-level for a perfectly good machine. Anywhere that holds Macs in stock is similarly worth a raid, and online retailers also have clearance bins.

Slicing the Apple

Apple itself has a surprisingly little-known online bargain basement at http://store.apple.com/uk/browse/home/specialdeals/mac. It's a treasure trove of cut-price kit, with some clearance items and many described as 'refurbished'. This usually means someone's bought a Mac, then changed their mind or found a problem and sent it back. Industry insiders tell us these returns often have absolutely nothing wrong with them, and in any case they're fully tested and any faults fixed before they're resold. They're guaranteed for a full year and extendable up to three years via AppleCare.

Besides deciding who to buy from, there's the tricky question of which Mac to pick. You can have a MacBook, MacBook Pro, MacBook Air, Mac mini, iMac or Mac Pro. Within each range are several standard models, plus all of the built-to-order options, adding up to hundreds of possibilities.

The MacBook is so powerful, choosing between it and a MacBook Pro can be difficult.

> *"Apple itself has a surprisingly little-known online bargain basement that's a treasure trove for cut-price Macs and iPods"*

By comparing the prices of different configurations – easily done at http://store.apple.com/uk – you can suss out the best value. For example, the entry-level 21.5-inch iMac is a bargain at £969. If you want a higher spec, the next option doubles the hard disk space and adds a more powerful graphics card – but at £256 extra, you'd really have to want that graphics card. But hang on: you're not limited to the preset models. By clicking the Select button, you can tweak the specs to create your own Mac. The only downside is that you'll need to allow a week or two for your own personal Mac to arrive. Just think of it as an exercise in delayed gratification.

DID YOU KNOW THIS?

If goods are unfit for their purpose, not as described or unsatisfactory, you can and should 'reject' them and ask for a full refund.

How to choose the perfect Mac

Let us help you make the right purchase. Here are your options…

21.5-inch 3.06GHz
£969

- 3.06GHz Intel Core 2 Duo
- 21.5-inch glossy widescreen (1,920x1,080 pixels)
- 4GB RAM (2x 2GB DDR3 SDRAM) • 500GB hard drive
- 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • NVIDIA GeForce 9400M with 256MB DDR3 memory • 4x USB 2.0 ports; 1x FireWire 800; 1xSD card
- Ships with Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

27-inch 3.06GHz
£1,378

- 3.06GHz Intel Core 2 Duo
- 27-inch glossy widescreen (2560x1440 pixels)
- 4GB RAM (2x 2GB DDR3 SDRAM) • 1TB hard drive
- 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • ATI Radeon HD 4670 graphics, 256MB DDR3 memory • 4x USB 2.0 ports; 1x FireWire 800; 1xSD card; video-in port • Ships with Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

iMac

Updated October 2009

21.5-inch 3.06GHz
£1,225

- 3.06GHz Intel Core 2 Duo
- 21.5-inch glossy widescreen (1,920x1,080 pixels)
- 4GB RAM (2x 2GB DDR3 SDRAM) • 1TB hard drive
- 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • ATI Radeon HD 4670 graphics, 256MB DDR3 memory • 4x USB 2.0 ports; 1x FireWire 800; 1xSD card
- Ships with Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

27-inch 2.66GHz (Quad Core) £1,634

- 2.66GHz Intel Core i5 Quad Core • 27-inch glossy widescreen (2560x1440 pixels) • 4GB RAM (2x 2GB DDR3 SDRAM) • 1TB hard drive • 8x double-layer SuperDrive (DVD±R DL/DVD±RW/CD-RW) • ATI Radeon HD 4850 graphics, 512MB DDR3 memory • 4x USB 2.0 ports; 1x FW 800; 1xSD card; video-in port • Mac OS X Snow Leopard, iLife '09, Magic Mouse, keyboard

»DID YOU KNOW THIS?

The high-end Mac mini now offers a 2.53GHz processor, 4GB of RAM and a 320GB hard drive.

2.26GHz 160GB
£510

- 2.26GHz Intel Core 2 Duo
- 2GB RAM (2x 1GB DDR3 SDRAM) • 160GB Serial ATA, 5,400 rpm hard drive
- 3MB shared L2 cache
- NVIDIA GeForce 9400M with 256MB of shared DDR3 SDRAM
- 8x double-layer SuperDrive (DVD+R DL/DVD±RW/CD-RW)
- AirPort Extreme (802.11n)
- 1x FireWire 800 port
- 5x USB 2.0 • Mac OS X Snow Leopard, iLife '09
- Mini-DVI to DVI adaptor

Mac mini

Updated October 2009

2.53GHz 320GB
£663

- 2.53GHz Intel Core 2 Duo
- 4GB RAM (2x 2GB DDR3 SDRAM) • 320GB Serial ATA, 5,400 rpm hard drive
- 3MB shared L2 cache
- NVIDIA GeForce 9400M with 256MB of shared DDR3 SDRAM
- 8x double-layer SuperDrive (DVD+R DL/DVD±RW/CD-RW)
- AirPort Extreme (802.11n)
- 1x FireWire 800 port
- 5x USB 2.0 • Mac OS X Snow Leopard, iLife '09
- Mini-DVI to DVI adaptor

Mac Pro

Quad-Core
£1,940

• 2.66GHz Quad-Core Intel Xeon • 3GB RAM (3x 1GB DDR3 ECC SDRAM) • NVIDIA GeForce GT 120 with 512MB of GDDR3 with Mini DisplayPort and dual-link DVI video output • 640GB 7,200rpm Serial ATA 3Gb/s • 18x SuperDrive with double-layer support (DVD+R DL/DVD±RW/CD-RW) • 3x open full-length PCI Express 2.0 expansion slots • 5x USB 2.0; 4x FireWire 800 ports • Keyboard & Mighty Mouse

8-Core
£2,553

• 2x 2.66GHz Quad-Core Intel Xeon • 6GB RAM (6x 1GB DDR3 ECC) • NVIDIA GeForce GT 120 with 512MB of GDDR3 with Mini DisplayPort and dual-link DVI video output • 640GB 7,200rpm Serial ATA 3Gb/s • 18x SuperDrive with double-layer support (DVD+R DL/DVD± RW/CD-RW) • 3x open full-length PCI Express 2.0 expansion slots • 5x USB 2.0; 4x FireWire 800 ports • Keyboard & Mighty Mouse

Updated
March
2009

13-inch 1.86GHz
£1,174

• 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 1.86GHz Intel Core 2 Duo processor • 2GB DDR3 SDRAM • 120GB Serial ATA, 4,200rpm • Built-in 802.11n Wi-Fi and Bluetooth 2.1 + EDR • NVIDIA GeForce 9400M with 256MB shared DDR3 SDRAM • Mac OS X Snow Leopard • 1x USB 2.0 port • Mini DisplayPort • MagSafe power adaptor

13-inch 2.13GHz
£1,378

• 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 2.13GHz Intel Core 2 Duo processor • 2GB DDR3 SDRAM • 128GB solid-state drive • Built-in 802.11n Wi-Fi and Bluetooth 2.1 + EDR • NVIDIA GeForce 9400M with 256MB shared DDR3 SDRAM • Mac OS X Snow Leopard • 1x USB 2.0 port • Mini DisplayPort • MagSafe power adaptor

MacBook Air

13-inch white 2.4GHz
£849

• 13.3-inch glossy widescreen, 1,280x800 pixels • 2.4GHz Intel Core 2 Duo • 3MB shared L2 cache • 2GB RAM (2x DDR3SDRAM) • 250GB Serial ATA,5,400rpm • 8x SuperDrive (DVD±R DL/DVD±RW/CD-RW) • NVIDIA GeForce 320M with 256MB shared DDR3 SDRAM • AirPort Extreme • Built-in iSight video camera • Bluetooth 2.0

Updated
May
2010

MacBook

13-inch 2.4GHz
£999

• 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 2.4GHz Intel Core 2 Duo 3MB shared L2 cache • 4GB (2x 2GB DDR3 SDRAM) • 250GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW) • NVIDIA GeForce 320M with 256MB DDR3 SDRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FireWire 800, 2x USB 2.0, 1x SD card slot

13-inch 2.66GHz
£1,249

• 13.3-inch LED-backlit glossy widescreen 1,280x800 pixels • 2.66GHz Intel Core 2 Duo 3MB shared L2 cache • 4GB (2x 2GB DDR3 SDRAM) • 320GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW) • NVIDIA GeForce 320M with 256MB DDR3 SDRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FireWire 800, 2x USB 2.0, 1x SD card slot

15-inch 2.4GHz
£1,499

• 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels • 2.4GHz Intel Core i5, 3MB shared L3 cache • 4GB (2x 2GB DDR3 SDRAM) • 320GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW) • Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 256MB VRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FW 800, 2x USB 2.0, 1x SD card slot

15-inch 2.53GHz
£1,649

• 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels • 2.53GHz Intel Core i5, 3MB shared L3 cache • 4GB (2x 2GB DDR3 SDRAM) • 500GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW) • Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 256MB VRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FW 800, 2x USB 2.0, 1x SD card slot

15-inch 2.66GHz
£1,799

• 15.4-inch LED-backlit glossy widescreen 1,440x900 pixels • 2.66GHz Intel Core i7, 4MB shared L3 cache • 4GB (2x 2GB DDR3 SDRAM) • 500GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW) • Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 512MB VRAM • Precision aluminium unibody • Mac OS X Snow Leopard and iLife • 1x FW 800, 2x USB 2.0, 1x SD card slot

17-inch 2.53GHz
£1,899

• 17-inch LED-backlit glossy widescreen 1,920x1,200 pixels • 2.53GHz Intel Core i5 3MB shared L3 cache • 4GB (2x 2GB DDR3 SDRAM) • 500GB, 5,400rpm Serial ATA • SuperDrive 8x (DVD±R DL/DVD±RW/CD-RW) • Integrated Intel HD graphics + NVIDIA GeForce GT 330M with 512MB VRAM • Mac OS X Snow Leopard and iLife • 1x FireWire 800, 3x USB 2.0, 1x ExpressCard/34 slot

Updated
April
2010

MacBook Pro

What about an iPhone or iPad?

Apple's mobile devices are designed to sync perfectly with your Mac

»DID YOU KNOW THIS?

The iPad works in both portrait and landscape mode. Just turn the device to switch modes. There's also a lock button, so you can fix it to one view, which is useful when reading an ebook.

Both the iPhone and iPad have a touchscreen, come with email and web browsing applications and are capable of running third-party apps that you can get from Apple's App Store. But the iPad isn't simply a bigger iPhone… The iPhone is first and foremost a phone, and unless you buy it on Pay & Go (which makes the device itself much more expensive) you're going to be tied into a phone contract when you buy (which is the same for all mobile phones). If you want all the features of the iPhone, but without the phone part, then consider getting an iPod touch instead (see over the page). If you're looking for a phone then you'll find the iPhone is designed to cover all your data needs while you're on the go, and fits in your pocket.

In contrast, the iPad is a device that sits somewhere between an iPhone and a Mac. It also comes with a 3G data contract option, but that doesn't include phone calls. The only phone calls you can make with it will be digitally, using VoIP apps like *Skype*.

While a lot of people find the iPhone perfectly acceptable for home use, if you just need to check your email or do a quick bit of web surfing then the iPad is positively designed to be used from your sofa. It has built-in Wi-Fi, which means you'll be able to check emails and browse the web on your network at home. Here it would fulfil most of the functions of a laptop Mac, but don't fall into the trap of thinking of the iPad as a replacement for a home computer – it's not. It's fundamentally designed to be an accessory. You're meant to keep your data on your Mac and sync your iPad with it, not the other way around.

It does have some big advantages over a Mac laptop though. For a start it's pretty much instant on – there's no waiting around for it to boot up. But not only that, it's lightweight, portable and the perfect size to be used as an ebook reader.

The iPhone currently comes in two different versions, the 3G and 3GS. The difference between the two models is that the more expensive 3GS is faster, has more storage, a longer battery life, voice control and a better camera capable of taking video as well as still shots. The iPhone used to be exclusively available on O2 in the UK, but is now also available through Orange and Vodafone.

The iPad comes in three memory sizes, 16GB, 32GB and 64GB, and is available in Wi-Fi or Wi-Fi + 3G versions. The 3G version costs £100 more initially and comes with data plans from either O2, Orange or Vodafone. Prices start at £429 for the 16GB Wi-Fi version, and go up to £699 for the top-of-the-range 64GB Wi-Fi + 3G iPad.

The iPad comes in Wi-Fi and 3G + Wi-Fi versions. The latter comes with an O2 contract.

> *"Don't fall into the trap of thinking that the iPad is simply a larger iPhone. Apple has created a whole new category of mobile device"*

The mighty iPhone was the first Apple device to introduce a touch screen with Multi-Touch gestures.

iPad

Launched May 2010

Seven Wonders of the World
Life in the Serengeti
Wildcats Soccer Team
Statistics 2010

iPad 16GB

£429 (Wi-Fi)
£529 (Wi-Fi + 3G)

• 9.7-inch (diagonal) LED-backlit glossy widescreen •1024x768 pixels • 1GHz Apple A4 processor • Up to 10 hours surfing on Wi-Fi, watching video or listening to music. • 3.5mm stereo headphone jack •Built-in speaker • Microphone • 242.8x189.7x13.4mm • 68g (Wi-Fi model) •73g (Wi-Fi + 3G) • Requires Mac OS X 10.5.8 or later, USB 2.0 port

iPad 32GB

£499 (Wi-Fi)
£599 (Wi-Fi + 3G)

• 9.7-inch (diagonal) LED-backlit glossy widescreen •1024x768 pixels • 1GHz Apple A4 processor • Up to 10 hours surfing on Wi-Fi, watching video or listening to music. • 3.5mm stereo headphone jack •Built-in speaker • Microphone • 242.8x189.7x13.4mm • 68g (Wi-Fi model) •73g (Wi-Fi + 3G) • Requires Mac OS X 10.5.8 or later, USB 2.0 port

iPad 64GB

£599 (Wi-Fi)
£699 (Wi-Fi + 3G)

• 9.7-inch (diagonal) LED-backlit glossy widescreen •1024x768 pixels • 1GHz Apple A4 processor • Up to 10 hours surfing on Wi-Fi, watching video or listening to music. • 3.5mm stereo headphone jack •Built-in speaker • Microphone • 242.8x189.7x13.4mm • 68g (Wi-Fi model) •73g (Wi-Fi + 3G) • Requires Mac OS X 10.5.8 or later, USB 2.0 port

iPhone

Updated June 2009

8 of 38
Voice Control
call
play
shuffle
Cancel
315° NW

iPhone 3G 8GB

£349 (Pay & Go on O2)

• Available in black • 3.5-inch widescreen • 320x480 pixels • Wi-Fi (802.11b/g)• Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.0 + EDR Battery lasts up to 24 hours (audio) • Battery lasts up to 7 hours (video) • Battery lasts up to 10 hours (talktime) • 300 hours (standby) • 115.5x62.1x12.3mm • 133g • Requires Mac OS X 10.4.11 or later

iPhone 3GS 16GB

£449 (Pay & Go on O2)

• Available in black or white • 3.5-inch widescreen • 320x480 pixels • Wi-Fi (802.11b/g) • Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.0 + EDR • Photo and video geotagging • Battery lasts up to 30 hours (audio) • Battery lasts up to 10 hours (video) • Battery lasts up to 12 hours (talktime) • 115.5x62.1x12.3mm • 135g • Requires Mac OS X 10.4.11 or later

iPhone 3GS 32GB

£549 (Pay & Go on O2)

• Available in black or white • 3.5-inch widescreen • 320x480 pixels • Wi-Fi (802.11b/g) • Quad-band GSM, tri-band 3G • Assisted GPS • Bluetooth 2.0 + EDR • Photo and video geotagging • Battery lasts up to 30 hours (audio) • Battery lasts up to 10 hours (video) • Battery lasts up to 12 hours (talktime) • 115.5x62.1x12.3mm • 135g • Requires Mac OS X 10.4.11 or later

>> APPS EVERYWHERE

The iPad, iPhone (and the iPod touch featured over the page) can all install and run apps from Apple's App Store. Many of these apps (like the Facebook app, or *Twitteriffic*) are free, but even the paid-for apps are inexpensive compared to the prices of software for the Mac. However, there's one obvious problem: the iPad has a 9.7-inch 1024x768 pixel screen, while the iPhone has a 3.5-inch 480x320 screen. Obviously, apps designed to run on the iPhone are going to look tiny on the iPad's larger screen. To make them fit, Apple has introduced something called 'pixel doubling'. Every pixel in the app is doubled, so the app becomes twice the size it was before, thus filling the screen (well, pretty much). You also have the option of running the app at its native resolution on the iPad if you prefer, although this can look strange as the app then sits in a sea of blackness. The pixel-doubling approach can make apps look a little bit fuzzy, especially games, but it appears to be a good enough solution for most apps.

Apple is, of course, encouraging developers to design apps specifically for the iPad's larger screen, so if you're an iPad owner look out for iPad-only versions of your favourite apps from the App Store. Not only will they look better than their iPhone originals, but the larger screen size means developers can fit extra controls and features into the interface. That means more fun to be had in games, for example.

Some apps are only be available for the iPad. Apple is starting the ball rolling here by releasing its *iWork* suite (consisting of *Pages*, *Numbers* and *Keynote*) for the iPad only. Conversely, apps that utilise the camera on the iPhone obviously won't work on the iPad. Look out for apps with a + symbol next to their price on the App store. This means the apps will work perfectly on both iPad and iPhone.

Look out for iPad games on Apple's App Store.

LAP 1/3
TIME 0:19.49
BEST
74
NISSAN

Choosing an iPod

There's an iPod for everyone

There's an iPod for every occasion. The shuffle is the perfect iPod to take to the gym with you, thanks to its handy lightweight clip-on case. There's no screen, but VoiceOver technology means you can hear the name of each track. The iPod nano is also lightweight enough for exercise, and features a colour screen, a video camera (but no still shots) and FM radio together with a larger capacity. If you really want to carry all your music around with you then you should opt for the chunkier iPod classic, which has a huge 160GB capacity. It can play videos, but it doesn't come with a video camera.

Finally there's the iPod touch. It's essentially an iPhone, but without the phone part. You can use it to connect to a Wi-Fi network for web browsing, email and more. And of course it runs apps form the App Store, so it's great for games. ●

iPod shuffle

Updated September 2009

iPod shuffle 2GB

£46

- Up to 500 songs
- No ability to display photos or videos
- Available in a range of colours
- No screen
- VoiceOver technology enables iPod to talk to you
- Battery lasts up to 10 hours (audio)
- 45.2x17.5x7.8mm
- 10.7g

iPod shuffle 4GB

£60

- Up to 1,000 songs
- No ability to display photos or videos
- Available in a range of colours
- No screen
- VoiceOver technology enables iPod to talk to you
- Battery lasts up to 10 hours (audio)
- 45.2x17.5x7.8mm
- 10.7g

iPod nano

Updated September 2009

iPod nano 8GB

£118

- Up to 2,000 songs
- Up to 7,000 photos
- Up to 8 hours of video
- Available in silver, black, purple, blue, green, yellow, orange, pink and PRODUCT (RED) • 2.2-inch diagonal screen • 320x240 pixels
- Battery lasts up to 24 hours (audio) or 4 hours (video)
- Includes camera & FM radio
- 90.7x38.7x6.2mm
- 36.8g

iPod nano 16GB

£138

- Up to 4,000 songs
- Up to 14,000 photos
- Up to 16 hours of video
- Available in silver, black, purple, blue, green, yellow, orange, pink and PRODUCT (RED) • 2.2-inch diagonal screen • 320x240 pixels
- Battery lasts up to 24 hours (audio) or 4 hours (video)
- Includes camera & FM radio
- 90.7x38.7x6.2mm
- 36.8g

iPod classic

Now Playing
If I Had E
Jack John
Sleep Thro
6 of 14
2:20
iPod
Music
Videos
Photos
Podcasts
Extras
Settings
Shuffle Songs
Now Playing
MENU
MENU

Updated September 2009

iPod classic 160GB

£193

- Up to 40,000 songs
- Up to 25,000 photos
- Up to 200 hours of video
- Available in black and silver
- 2.5-inch screen
- 320x240 pixels
- Battery lasts up to 36 hours (audio)
- Battery lasts up to 6 hours (video)
- 103.5x61.8x10.5mm
- 140g

iPod touch

Updated September 2009

iPod touch 8GB

£152

- Up to 1,750 songs
- Up to 10,000 photos
- Up to 10 hours of video
- Available in black
- 3.5-inch screen
- 320x480 pixels
- Wi-Fi (802.11b/g)
- Nike + iPod support
- Battery lasts up to 22 hours (audio) • Battery lasts up to 5 hours (video)
- 110x61.8x8mm
- 120g

iPod touch 32GB

£234

- Up to 7,000 songs
- Up to 25,000 photos
- Up to 40 hours of video
- Available in black
- 3.5-inch screen
- 320x480 pixels
- Wi-Fi (802.11b/g)
- Nike + iPod support
- Battery lasts up to 22 hours (audio) • Battery lasts up to 5 hours (video)
- 110x61.8x8mm
- 120g

iPod touch 64GB

£306

- Up to 14,000 songs
- Up to 50,000 photos
- Up to 80 hours of video
- Available in black
- 3.5-inch screen
- 320x480 pixels
- Wi-Fi (802.11b/g)
- Nike + iPod support
- Battery lasts up to 22 hours (audio) • Battery lasts up to 5 hours (video)
- 110x61.8x8mm
- 120g

MacFormat presents

iPad

The Essential Handbook

The world's most awesome guide to the world's most awesome gadget!

NOW ON SALE!
from WHSmith, Tesco, Eason and Borders

Got your hands on an iPad?

Whether you've just bought an iPad or are still dreaming about getting your hands on one, then you need to read iPad The Essential Handbook

Packed with beautiful photography and easy-to-understand, authoritative advice, *MacFormat presents* is a series of special issues created by the *MacFormat* team. Each issue covers a specialist Mac subject in its entirety from the iPad to iLife.

Available to buy online at
www.myfavouritemagazines.co.uk/macformatpresents

SUBSCRIBE TODAY AND SAVE 35%

PLUS! Get yourself a LA robe Allure Laptop Sleeve.

To subscribe to MacFormat for just £12.72 every 3 months by Direct Debit and get yourself a cool LA robe Allure Sleeve as your welcome gift, call 0844 848 2852 quoting reference P117 or subscribe online at:

www.myfavouritemagazines.co.uk/mfc/p117

Please use the full web address shown to enjoy this special offer.

Contact centre opening times are: 8.00am to 21.30pm weekdays, 8:00am to 16:00pm on Saturdays

OVERSEAS SUBSCRIBERS

Flick to page 105 for some fantastic subscription savings!

KEYBOARDS & MICE

Apple Wireless Keyboard

★★★★★

Price: £56 **Reviewed:** Issue 189
Web: www.apple.com/uk
Full review: www.techradar.com/53760
Key specs: 27x11.5x1.43cm; Bluetooth only; 3x AA batteries; requires Mac OS X 10.4.10

⊕ Stunning; wireless; easy to type on; compact
⊖ Needs Mac OS X 10.4.10 to work

"The Wireless Keyboard is superb in every way. It's another design classic from the Apple creative team."

Wacom Bamboo Fun Small ★★★★★

Price: £89 **Reviewed:** Issue 214
Full review: www.techradar.com/637575
Key specs: 1,024 pressure levels; Gestures
⊕ Gesture support, good software bundle
⊖ Expensive

Macally mGlide ★★★★☆

Price: £28 **Reviewed:** Issue 212
Full review: www.techradar.com/619206
Key specs: Wireless operation; small form factor
⊕ Perfect match for your Apple keyboard
⊖ It's a little small

PRINTERS & ALL-IN-ONES

Canon PIXMA MP640

★★★★★

Price: £187 **Reviewed:** Issue 215
Web: www.canon.co.uk
Full review: www.techradar.com/644919
Key specs: Printer (9,600x2,400dpi, 5-ink printing); supports all major memory card formats; on-body printing

⊕ Phenomenal feature package; great print quality
⊖ Weak instructions might confuse newbies

"The mix of stellar print quality and an excellent feature package make the Canon MP640 a great buy."

HP Officejet Pro 8500 ★★★★☆

Price: £235 **Reviewed:** Issue 210
Full review: www.techradar.com/603509
Key specs: Printer/scanner/email; 4,800dpi
⊕ Packed with features; great text printing
⊖ Average photo printing; expensive

Samsung ML-2855ND ★★★★★

Price: £218 **Reviewed:** Issue 221
Key specs: Mono laser printer
⊕ Incredible value to run and great print quality
⊕ Elegant, well-realised text and decent images
⊕ Helpful screen to guide you through problems

DISPLAYS

Apple Cinema Display

★★★½☆

Price: £649 **Reviewed:** Issue 205
Web: www.apple.com/uk
Full review: www.techradar.com/500220
Key specs: 24-inch LED screen, 1,920x 1,200, 16.7 million colours, three self-powered USB ports, iSight camera

⊕ Beautiful colour reproduction; impressive sound; oozes quality
⊖ Display stand needs revamping; only for Macs with Mini DisplayPort

"An incredible piece of kit for Macs with a Mini DisplayPort. Screen quality is first rate, with great consistency."

Samsung 2233SW ★★★★½

Price: £169 **Reviewed:** Issue 213
Full review: www.techradar.com/628604
Key specs: Low-cost SyncMaster monitor
⊕ Excellent value for money
⊖ No speakers

Hanns G Hi221DP ★★★★☆

Price: £129 **Reviewed:** Issue 213
Full review: www.techradar.com/500421
Key specs: 22-inch widescreen, 1,680x1,050 res
⊕ A solid performer; good looking
⊖ Terrible built-in audio

SPEAKERS/HEADPHONES

Sennheiser CX 300-II

★★★★★

Price: £25 **Reviewed:** Issue 207
Web: www.sennheiser.co.uk
Full review: www.techradar.com/562193
Key specs: Frequency response 19Hz-21KHz; impedance 16Ω; weight 4g; three sets of cups and carry pouch

⊕ Superb value; great audio at a bargain price
⊖ Slightly flabby bass; there are better buds around, but not at this price

"We can't say it loudly or plainly enough: buy a set of Sennheiser CX 300-II. Accomplished sound, and cheap."

Audio Chi W Series ★★★★★

Price: £70 **Reviewed:** Issue 222
Full review: www.techradar.com/690331
Key specs: 3.5mm jack; adjustable headset
⊕ Rich, deep and detailed sound; comfortable
⊖ Some might prefer earbuds

Revo Blok ★★★★☆

Price: £175 **Reviewed:** Issue 209
Full review: www.techradar.com/593649
Key specs: Aux input for all recent iPods
⊕ Rich, deep sound; excellent remote
⊖ Not for iPhone; can't sync with Mac

» DIGITAL CAMERAS

Canon EOS 500D

★★★★☆

Price: £570 (body) **Reviewed:** Issue 209
Web: www.canon.co.uk
Full review: www.techradar.com/596771
Key specs: 15.1MP; 4,752x3,168 res; HD recording; card formats: SD, SDHC; file formats: JPEG, RAW

⊕ Increased ISO sensor; HD DV recording; 3-inch LCD
⊖ High price; no external mic socket for video

"If you're happy to pay for the privilege of high-quality movies, this EOS is a great buy."

Olympus µ Tough 8000 ★★★★☆

Price: £255 **Reviewed:** Issue 210
Full review: www.techradar.com/603073
Key specs: 12MP; 5-18.2mm lens
⊕ Waterproof to 10m; shockproof; good wide angle
⊖ Controls are awkward to use

Samsung ST1000 ★★★★½

Price: £235 **Reviewed:** Issue 215
Full review: www.techradar.com/644939
Key specs: OS X 10.4 or later
⊕ Good pics and movies; great GPS
⊖ Too expensive

» DIGITAL VIDEO CAMERAS

Samsung VP-HMX 20C

★★★★☆

Price: £375 **Reviewed:** Issue 202
Web: www.samsung.com/uk
Full review: www.techradar.com/528224
Key specs: 2.7-inch LCD; movie capture at 2.1MP and still image at up to 4MP; HD lens delivering 10x optical and 10x digital zoom

⊕ Good screen; lightweight; offers full HD resolution
⊖ Really need to shop around to find affordable price

"This lightweight HD camera captures high-quality video and still images. Its 80GB internal memory is a plus point."

Canon HV30 ★★★★½

Price: £1,000 **Reviewed:** Issue 201
Full review: www.techradar.com/468942
Key specs: HDV; DIGIC II processor; MiniDV/SD card
⊕ Superb stills and video; better than HDD
⊖ Cumbersome to use

Panasonic SDR-S26 ★★★☆☆

Price: £164 **Reviewed:** Issue 207
Full review: www.techradar.com/561668
Key specs: Sensor: 1/8 inch CCD; Compression: MPEG-2
⊕ Small enough to fit in coat pocket
⊖ Files need converting to play on Mac

» ROUTERS/NETWORKING

AVM FRITZ!Box 7270

★★★★★

Price: £160 **Reviewed:** Issue 212
Web: www.fritzbox.eu
Full review: www.techradar.com/621127
Key specs: 1x USB 2.0, 4x Ethernet, 1x WAN; 802.11n; modem supports ADSL and ADSL2; integrated DECT base station

⊕ Packed with features, including impressive array of telephony functions
⊖ No simultaneous dual band

"The router's advanced traffic-shaping feature really impressed. An extremely high quality piece of kit."

Iomega Home Media ★★★★☆

Price: £97 **Reviewed:** Issue 207
Full review: www.techradar.com/577291
Key specs: 500GB; 1x Gigabit Ethernet; 1x USB 2.0
⊕ Easy to set up and use; elegant interface
⊖ Can't set up playlists

Billion BiPAC P104 ★★★★☆

Price: £77 **Reviewed:** Issue 207
Full review: www.techradar.com/560834
Key specs: Transfer rate up to 200Mbps
⊕ Great alternative to Wi-Fi
⊖ Bulky, though this is inevitable

» STORAGE

My Book Studio II 4TB

★★★★½

Price: £410 **Reviewed:** Issue 212
Web: www.wdc.com
Full review: www.techradar.com/618319
Key specs: 4TB; USB 2.0, FireWire 400/800 and eSATA connectivity; can be reconfigured to different RAID settings

⊕ Four terabytes; triple interface
⊖ Not exactly cheap; chassis is a little flimsy

"Impressive performance and connection for those who need extra space. Pleasantly styled and easy on the eye."

Buffalo Dualie 500GB ★★★★½

Price: £199 **Reviewed:** Issue 220
Full review: www.techradar.com/678951
Key specs: USB 2.0 and FireWire connectivity
⊕ Attractive, robust, space-saving design
⊖ Expensive; drive slows when iPhone docked

Apple Time Capsule 2TB ★★★★☆

Price: £388 **Reviewed:** Issue 213
Full review: www.techradar.com/629850
Key specs: 1x USB 2.0, 3x Ethernet, 1x WAN
⊕ Simultaneous dual band; high capacity
⊖ No built-in modem

VISIT US ONLINE

Mac FORMAT
Home
Blog
Podcast
Newsletter
Reviews
Forum
Resellers
» From the team
Power up iTunes
» Latest issue
Win! A Netgear network hard drive

MacFormat.co.uk is your one-stop shop for all things Apple. You'll find the latest Mac kit and software reviews together with news, analysis and a vibrant forum where you can meet like-minded *MacFormat* readers.

We're on Twitter too! Subscribe to our Twitter feed to keep up to date with what's going on at *MacFormat* and in the world of Apple. You'll find us at **www.twitter.com/MacFormat**

Orange
09:51
MacFormat - This Week [Enhanc...
This Week for May 19, 2010
Chapter 1 of 26
All your Apple needs
Mac
FORMAT
This Week

DON'T MISS OUR FREE PODCAST!

MacFormat This Week brings you 30 minutes of all the latest news, reviews and tips from the world of Apple every two weeks. Don't miss this resource for all things Mac related!

MacFormat - This Week [Enhanced]
Podcast Description

SIMPLY VISIT THE iTUNES STORE AND ENTER MACFORMAT IN THE SEARCH BOX TO SUBSCRIBE!

HOME OFFICE

Apple iWork '09

★★★★☆

Price: £69 **Reviewed:** Issue 205
Web: www.apple.com/uk
Full review: www.techradar.com/500293
System reqs: G4 (500MHz or faster) processor, Mac OS X 10.4.11 or later, 512MB RAM (1GB recommended)

⊕ Keynote is a market leader, and the rest of the apps are catching up
⊖ Both Numbers and Pages still lack some basic features

"The '09 update sees some good features added and some general improvements. Worth it for Keynote alone."

APP4MAC Twin 1.01 ★★★★★

Price: £25 **Reviewed:** Issue 211
Full review: www.techradar.com/611922
System reqs: Power PC G4, G5/Intel Mac
⊕ Back up to multiple destinations; easy to use
⊖ None

FileMaker Pro 11 ★★★★★

Price: £219 **Reviewed:** Issue 221
Full review: www.techradar.com/683719
System reqs: OS X 10.5.7 or later
⊕ Easy to use; built-in charts; Quick Find
⊖ No image import from Bento

VISUAL TOOLS & LAYOUT

Photoshop Elements 8

★★★★½

Price: £75 **Reviewed:** Issue 215
Web: www.adobe.com
Full review: www.techradar.com/644205
System reqs: Mac OS X 10.4.11 or higher; 1GB hard drive space; 512MB RAM (1GB recommended)

⊕ Great Recompose tool, smart brush for special effects, Scene Cleaner
⊖ Intel-only, interface a little gloomy

"Lots of exciting tools, offering virtually all the controls you need at a truly affordable price."

BeLight Swift Publisher ★★★★★

Price: £29 **Reviewed:** Issue 222
Full review: MF Issue 222 group test
System reqs: Mac OS X 10.3.9 or later
⊕ Simple, intuitive and effective layout tools
⊖ Takes a little time to learn how to use it

Apple Aperture 3 ★★★★½

Price: £169 (£79 upgrade) **Reviewed:** Issue 220
Full review: www.techradar.com/678985
System reqs: 10.5.8 or later, Intel Mac, 1GB RAM
⊕ Strong export options and raw handling
⊖ No help migrating from Lightroom

SYSTEM UTILITIES

iStat Menus 2

★★★★★

Price: Free **Reviewed:** Issue 215
Web: www.islayer.com
Full review: www.techradar.com/645026
System reqs: OS X 10.5 or later (Version 1.3 is Tiger-compatible, and still available from iSlayer's website)

⊕ Flexible, stable and useful; great date and time; light on resources
⊖ Gradient-happy interface

"Robust, stable and well behaved. An essential Mac add-on, even if you only use a few of its components."

Remo Recover Pro Edition ★★★★½

Price: £135 **Reviewed:** Issue 221
Full review: www.techradar.com/683721
System reqs: OS X 10.4.11 or later, 512MB RAM
⊕ Straightforward interface; media recovery
⊖ Comparatively expensive

AppZapper 2 ★★★★☆

Price: £8 **Reviewed:** Issue 219
Full review: www.techradar.com/671038
System reqs: OS X 10.6
⊕ Good serial manager; completely uninstalls apps
⊖ Free applications do a similar job

MULTIMEDIA SOFTWARE

Apple iPhoto '09

★★★★★

Price: £71 (iLife '09) **Reviewed:** Issue 206
Web: www.apple.com/uk
Full review: www.techradar.com/527969
System reqs: PowerPC G4 or G5, or any Intel Mac; 512MB RAM (1GB recommended); Mac OS X 10.5.6 or later; 4GB HDD space

⊕ Practical tools, new options to export slideshow, Places a useful addition
⊖ Faces could be better, few cameras have GPS

"The new features are great, but there's some room for improvement in the Faces facial-recognition facility."

Apple Logic Studio ★★★★★

Price: £408 **Reviewed:** Issue 213
Full review: www.techradar.com/625541
System reqs: Intel Mac; 1GB RAM; Mac OS X 10.5.7
⊕ Powerful music studio; great tools; good value
⊖ Some minor bugs in the initial release

Anime Studio Debut 6 ★★★★☆

Price: £40 **Reviewed:** Issue 211
Full review: www.techradar.com/611940
System reqs: G4+; 256MB RAM; OS X 10.4
⊕ Excellent features and tutorials
⊖ No texture mapping or lighting

Mac FORMAT

Future Publishing Ltd,
30 Monmouth Street,
Bath BA1 2BW
Tel 01225 442 244
Fax 01225 732 295
macformat@futurenet.com
www.macformat.co.uk
www.twitter.com/MacFormat

EDITORIAL
EDITOR **Graham Barlow**
graham.barlow@futurenet.com
DEPUTY EDITOR **Christopher Phin**
christopher.phin@futurenet.com
REVIEWS EDITOR **Ian Osborne**
ian.osborne@futurenet.com
PRODUCTION EDITOR **Tim Hardwick**
tim.hardwick@futurenet.com
ART EDITOR **Alex Thomas**
alex.thomas@futurenet.com
NEW MEDIA EDITOR **Simon Holland**
simon.holland@futurenet.com

EDITORIAL CONTRIBUTORS
Adam Banks (AB), Christopher Brennan (CB), Laurence Cable (LC), Clem Chambers, Andy Dyer (AD), Jonny Evans (JE), Bill Gallop, Craig Grannell (CG), MacFixIt, Susie Ochs, Steve Paris (SP), Davina Rungasamy, Luis Villazon, Ian Tromp, Matthew Bolton (MB), Alex Cox (AC), Rob Buckley (RB), Mark Wilson (MW), Ben Harvell

ART CONTRIBUTORS
Apple, Future Photo Studio (Dave Caudrey, Andy Short), Getty Images, iStockPhoto.com, Linzie Hunter, Sally Henderson

MANAGEMENT
GROUP SENIOR EDITOR **Nick Merritt**
CREATIVE DIRECTOR **Robin Abbott**
EDITORIAL DIRECTOR **Jim Douglas**

ADVERTISING
ADVERTISING SALES DIRECTOR **Rob Elms**
rob.elms@futurenet.com
ADVERTISING SALES MANAGER **Charlie Said**
charlie.said@futurenet.com
ACCOUNT MANAGER **Robert Williams**
robert.williams@futurenet.com
ACCOUNT MANAGER **Gary Clarke**
gary.clarke@futurenet.com

Want to work for Future?
Visit www.futurenet.com/jobs

MARKETING
CAMPAIGN MANAGER
Daniel Bruce daniel.bruce@futurenet.com

CIRCULATION
TRADE MARKETING MANAGER
Stuart Brown stuart.brown@futurenet.com
SUBSCRIPTIONS MANAGER
Joanne Coppin joanne.coppin@futurenet.com

PRINT & PRODUCTION
PRODUCTION CO-ORDINATOR
Charlene Vaughan
charlene.vaughan@futurenet.com
PRODUCTION MANAGER
Rose Griffiths rose.griffiths@futurenet.com
HEAD OF PRODUCTION
Richard Mason richard.mason@futurenet.com

LICENSING
INTERNATIONAL LICENSING DIRECTOR
Tim Hudson tim.hudson@futurenet.com
Tel: + 44 (0)1225 442244
Fax: + 44 (0)1225 732275

FUTURE PUBLISHING LIMITED
PUBLISHING DIRECTOR **Stuart Anderton**
stuart.anderton@futurenet.com
CHIEF OPERATING OFFICER **Simon Wear**
UK CHIEF EXECUTIVE **Robert Price**
CHIEF EXECUTIVE **Stevie Spring**

SUBSCRIPTIONS
Phone: **0844 848 2852**
Web: **www.myfavouritemagazines.co.uk**
Email: **future@subscription.co.uk**

NEXT ISSUE ON SALE...
Wednesday 21 July 2010

Printed in the UK by
Polestar Group on behalf of Future.
Distributed in the UK by
Seymour Distribution Ltd
2 East Poultry Avenue
London, EC1A 9PT
Tel: 0207 429 4000

ABC
ABC 27,242
Jan-Dec 2009
A member of the Audited Bureau of Circulations

future
MEDIA WITH PASSION

Future produces carefully targeted special-interest magazines, websites and events for people who share a passion. We publish more than 170 magazines and websites and 100 international editions of our titles are published across the world.

Future plc is a public company quoted on the London Stock Exchange (symbol: FUTR).

www.futureplc.com

Chief Executive: Stevie Spring
Non-executive Chairman: Roger Parry
Group Finance Director: John Bowman
Tel +44 (0)20 7042 4000 (London)
Tel +44 (0)1225 442244 (Bath)

© Future Publishing Limited 2010. All rights reserved. No part of this magazine may be used or reproduced without the written permission of the publisher. Future Publishing Limited (company number 2008885) is registered in England and Wales. The registered office of Future Publishing Limited is at Beauford Court, 30 Monmouth Street, Bath BA1 2BW. All information contained in this magazine is for information only and is, as far as we are aware, correct at the time of going to press. Future cannot accept any responsibility for errors or inaccuracies in such information. Readers are advised to contact manufacturers and retailers directly with regard to the price of products/services referred to in this magazine. If you submit unsolicited material to us, you automatically grant Future a licence to publish your submission in whole or in part in all editions of the magazine, including licensed editions worldwide and in any physical or digital format throughout the world. Any material you submit is sent at your risk and, although every care is taken, neither Future nor its employees, agents or subcontractors shall be liable for loss or damage.

FSC
Mixed Sources
Product group from well-managed forests and other controlled sources
Cert no. TT-COC-1815
www.fsc.org
© 1996 Forest Stewardship Council

We are committed to only using magazine paper which is derived from well managed, certified forestry and chlorine-free manufacture. Future Publishing and its paper suppliers have been independently certified in accordance with the rules of the FSC (Forest Stewardship Council).

recycle
When you have finished with this magazine please recycle it.

NEXT ISSUE

Speed up an old Mac

Get more juice out of the Mac you love

Apple's trainers tested

DISCOVER HOW TO...

Mac FORMAT
ON SALE
Wednesday 21 July 2010

- Create an outline for a project in Pages
- Subscribe to calendars in iCal
- Get your Mac in sync with your life

ALL THIS AND MORE!

Contents subject to change

BROKEN IPHONE?

We are iPhone Repairs & Spares LTD

Dedicated specialists for the Apple iPhone

All iPhone models repaired
12 months warranty on all repairs
Fast turn around
Parts avaliable for DIY repairs
Drop in service avaliable
iPhone sales

Now repairing Apple iPad's

5 Minute Screen Repairs!
Bring your iPhone 3G / 3GS to us and we will repair within 5 minutes

Broken screens
Audio faults
Signal issues
Power problems
Unlocking
Batteries replaced
Liquid damage
Insurance appraisals

iPhone 24ct
Gold plating
Now avaliable!

We are based in Admirals Offices, The Historic Dockyard, Chatham, Kent, ME4 4TZ

5% discount on all iPhone spare parts ordered from our website www.pda-spares.co.uk. Coupon code: macf5

Tel: 0871 789 0379
Web: www.iphonerepairsltd.co.uk
Email: service@iphonerepairsltd.co.uk

Apple Mac Spares & Repairs

- New & recycled Apple service parts
- Next day delivery
- Newertech main dealer
- Trade discounts
- Repair service, uk-wide collection
- Faulty Macs bought, collected & recycled

thebookyard

www.thebookyard.com 0151 291 6240

Avoid the inevitable

Full protection from coffee, tea and pizza!

EditorsKeys™
EDITING KEYBOARDS & RECORDING EQUIPMENT

The Editiors Keys protection covers not only offer **superior protection** against dust, dirt and grime. They're also perfectly clear, so you its the **best** protection, you'll never notice.

✓ Coffee Spills

✓ Pizzas and Grease

From just £14.99
www.editorskeys.com
(just go to keyboard skin covers)

APPLE RESELLERS

Apple Sales & Support

In a town near you...

If you need somewhere to purchase or repair your Apple Products then you can find your local dealers here...

For advertising opportunities in this section call Richard Jewels on 0207 042 4265

KEY TO THE REGIONS
🟦 Scotland 🟦 The North
🟪 Midlands 🟨 Wales 🟪 The East
🟥 London 🟩 South West 🟩 Eire

LONDON

MacAid

75 Mersey Road, London E17 5LA
Tel: 0800 4488 721 **Email:** info@macaid.co.uk
URL: http://www.macaid.co.uk

- On site support for Home and Business users
- Remote access assistance
- Internet and Network set up
- Application & OS X Tutorials
- Troubleshooting & Problem Solving
- Data Recovery

MacAid
Mac Support for London

LONDON

Albion

London • Basingstoke • Tunbridge Wells
Tel: 0207 212 9090 **Email:** sales@albion.co.uk
URL http://www.albion.co.uk

Albion are a leading Apple Premium Reseller and Authorised Service Provider with over 20 years experience. Specialising in the integration of Mac and Windows systems; care & support and Internet/network solutions, they are the **UK's Education and Business I.T. Solutions Expert.**

Albion
Premium Reseller

LONDON

PCM Technologies Limited

45 Borthwick Road, Stratford, London E15 1UE
Tel: 020 8519 4497 **Fax:** 020 8519 1429
Email: sales@pcmtec.co.uk

Covering London, South-East & Midlands, PCM offers a personal service covering a broad spectrum of Macintosh and cross-platform support areas, including remote desktop support and exchange server integration.

pcm
TECHNOLOGIES LTD

All your Apple needs
Mac
FORMAT

To advertise in the UK's best selling Mac magazine call Richard Jewels on 020 7042 4265 or email richard.jewels@futurenet.com

THE NORTH

Jennings Computer Services

Scarborough - Tel: 01723 374196
York - Tel: 01904 796580
Email: Sales@jcsltd.co.uk
URL: http://www.jcsltd.co.uk

- Authorised Apple Reseller & Service Centre
- Apple Warranty Repair & Out of Warranty Repair
- Troubleshooting, Fault Finding & Upgrades
- Installations, Networks, Email Solutions • Educational Specialists • Expert Support & Technical Assistance
- Mac Training • Buy Online, Email us or give us a call.

Jennings
COMPUTER SERVICES LTD

NATIONWIDE

Cancom

Brighton, Cambridge, Edinburgh, Guildford, Kensington
Tel: 0845 6863500 **Email:** emma@cancomuk.com
URL: http://www.cancomuk.com

- Europe's largest Apple Reseller • Apple Solutions Expert in Education • Authorised Apple Service Provider
- Consultancy and Support • Knowledgeable B2B/Mail order team • Configure your Mac on our advanced website • Competitive pricing • Stores in Brighton, Cambridge, Edinburgh, Guildford and Kensington.

CANCOM
Premium Reseller

PARTS, SPARES AND ACCESSORIES

Certified Technician

londonmac

Apple Macintosh computers and iPods service and repairs

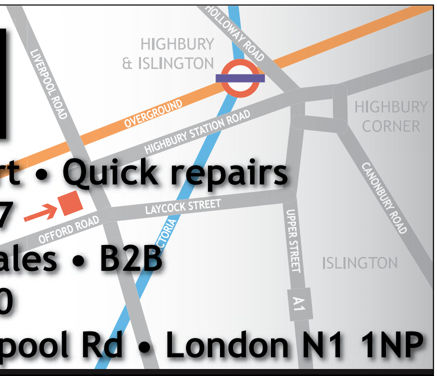
Apple Mac hardware repairs
Hardware & software upgrades
Software troubleshooting
System installation
Data recovery and backup
iPods upgrades and repairs

0845 619 90 09
www.londonmac.com
hello@londonmac.com
71 Clerkenwell Road
London EC1R 5BU

vis

Mac Repairs & Parts
01189 88 66 33
visparts.com

MR



On-site support • Quick repairs
0207 697 2207
Competitive sales • B2B
0207 697 2230
383-385 Liverpool Rd • London N1 1NP

Authorised Service Provider

All your Apple needs
Mac
FORMAT

The Uk's best selling Mac magazine

Barcode Creation Software

MBC4.3 - the latest version of MacBarcoda
Includes all popular barcode types
Saves as EPS, PDF, TIFF or JPEG
Upgrade to version 4.3
available now!

Computalabel
international

Tel: 0116 270 0881

or...
Buy Barcode Images Online!

EPS PDF TIFF or JPEG images to your instructions from as little as £4.25 each!

www.computalabel.com
sales@computalabel.com

Mac User Groups

Find fellow Mac enthusiasts near you! Here's a list of the UK & Ireland MUGs

[1] Aberdeen MUG
Aberdeen
davidjearly@mac.com
www.abdnmug.co.uk

[2] Bristol & Bath MUG
Bath
info@bbmug.co.uk
www.bbmug.co.uk

[3] Berkshire & North Hampshire MUG
Reading area
i.j.burn@reading.ac.uk

[4] Blackburn MUG
Blackburn
info@bmug.co.uk
www.bmug.co.uk

[5] Bracknell Forest MUG
Bracknell, Berks
office@bfmuguk.org
www.bfmuguk.org

[6] ClubMac Ireland
Dublin
secretary@clubmac.ie
www.clubmac.ie

[7] Cork University College
Cork
d.murphy@cs.ucc.ie
www.ucc.ie/mug

[8] Cumbria Mac Enthusiasts
Barrow-in-Furness
contact@macenthusiasts.co.uk
http://www.macenthusiasts.co.uk

[9] Deaf Mac Users
Website group for the hard of hearing
nick@sturley.co.uk
http://tech.groups.yahoo.com/group/deaf-macs/

[10] Durham University MUG
Durham
durmac@durham.ac.uk
www.dur.ac.uk/durmac

[11] Edinburgh MUG
Edinburgh
admin@edmug.org.uk
www.edmug.org.uk

[12] Exeter MUG
Exeter
examug@mac.com
www.examug.org.uk

[13] FAMUS (Fife)
Kirkcaldy
davidwlaw@btinternet.com
www.fifedirect.org.uk/famus

[14] Glasgow MUG
Glasgow
glas.mug@mac.com
www.glasmug.com

[15] Harlech MUG
South Snowdonia
ian@climb8.com

[16] Isle of Wight MUG
Isle of Wight
admin@iowaug.org.uk
www.iowaug.org.uk

[17] Kent & East Sussex MUG
Kent
www.kesmug.org

[18] London MUG
London
secretary@lmug.org
www.lmug.org.uk

[19] MACUS (Manchester)
Manchester
davjaeger@macunlimited.net

[20] Midlands MUG
Birmingham
group@mmug.org.uk
www.mmug.org.uk

[21] Northern Ireland MUG
Belfast
matt@nimug.org

[22] North West Mac Group
Near Warrington
info@nwmug.co.uk
www.nwmug.co.uk

[23] Norwich MUG
Norwich
norwichmacusergroup@mac.com

[24] Oban MUG
Oban
obanmug@mac.com

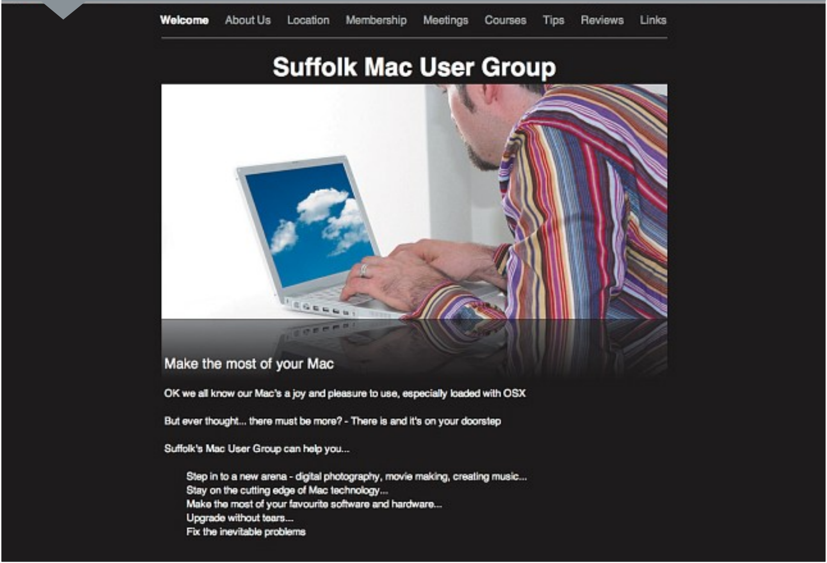
[25] OxMUG
Oxford
www.oxmug.org

[26] Potteries MUG
potmug@mac.com
www.potmug.com

[27] Severn MUG
South West
admin@s-mug.com
http://s-mug.com

[28] Southampton Uni
Southampton
trf.106@soton.ac.uk

MUG OF THE MONTH / Suffolk MUG



Suffolk Mac User Group

Make the most of your Mac

OK we all know our Mac's a joy and pleasure to use, especially loaded with OSX

But ever thought... there must be more? - There is and it's on your doorstep

Suffolk's Mac User Group can help you...

Step in to a new arena - digital photography, movie making, creating music...
Stay on the cutting edge of Mac technology...
Make the most of your favourite software and hardware...
Upgrade without tears...
Fix the inevitable problems

Suffolk Mac User Group offers a relaxed atmosphere to chat about Macs and popular Mac software, and get creative tips and techniques from experts. Meetings are held every other month at the St. Nicholas Centre, close to Ipswich town centre, and frequently have a guest speaker. For example, the May meeting saw an appearance by William Crees showing how he uses his Mac to help with CAD. Membership costs just £10 per year, with each meeting costing £3. Visit www.suffolkmacusergroup.co.uk for details.

[29] South Essex MUG
Wickford, Essex
chairman@seal-apple.co.uk
www.seal-apple.co.uk

[30] South Wales MUG
Cardiff
swmug@applewiz.biz
www.swmug.org.uk

[31] Sneem MUG
Sneem
sean@smug.ie
www.smug.ie

[32] Stroud Mac User Group
Stroud
jmuy@aol.com

[33] Suffolk Mac User Group
Ipswich
mike@mikekwasniak.co.uk
suffolkmacusergroup.co.uk

[34] Swindon MUG
Swindon
swindonmacusergroup@googlemail.com
http://swindonmacusergroup.googlepages.com

[35] Surrey MUG
Surrey
monigmagr@mac.com

[36] Three Counties MUG
Luton, Bedfordshire
info@3cmug.co.uk
www.3cmug.co.uk

[37] Tunbridge Wells MUG
Tunbridge Wells, Kent
christo.skelton@gmail.com
http://twmug.org.uk/

[38] Wessex MUGs
Fareham, Dorchester, Bournmouth & Salisbury
enquiries@wamug.org.uk
www.wamug.org.uk

[39] Yorkshire MUG
Doncaster & other towns
ymug@mactalk.info
www.ymug.org

NEW STARTER

START YOUR OWN MUG

If you're planning on starting up a new MUG in your area, or you have recently set one up, let us know and we'll print the details here. Email **macformat@futurenet.com**

Onthedisc

>FULL SOFTWARE >EXCLUSIVE DEMOS >ESSENTIAL SHAREWARE >READER OFFERS

>>FILE MANAGER

Disk Order 2.5.1

Fast and reliable Finder substitute

Disk Order 2.5.1 is an advanced double-pane file manager with a built-in FTP client and an ability to handle archives like plain folders. It's very much reminiscent of software such as *Total Commander* and *Directory Opus*, and it has proved itself to be a great app for Mac switchers or first-time OS X users.

But *Disk Order*'s appeal doesn't stop there. If you're a MacBook or MacBook Pro user you're going to love its broad range of keyboard shortcuts that perform nearly all file operations. You'll also find when you use *Disk Order* there are less windows open thanks to its tabbed interface, which is far easier to manage than constantly alternating between too many *Finder* windows.

>>ACCOUNTS MANAGER

iCompta 3.3.6

Keep track of your money

There's no time like the present when it comes to saving your pennies. But if you struggle with your finances then you might like a software-based helping hand. *iCompta* has the ability to manage your various accounts and organise them into groups so as to avoid clutter. It also deals with multiple currencies and can convert rates automatically and back again. You can even split all your transactions into categories and then define budgets to keep track of your income and expense in these categories.

Upgrade to iCompta 4

Knock a quarter off the retail price by typing MACFORMAT in the reduction code box at www.lyricapps.com.

>>POKER AID

Poker Manager 2

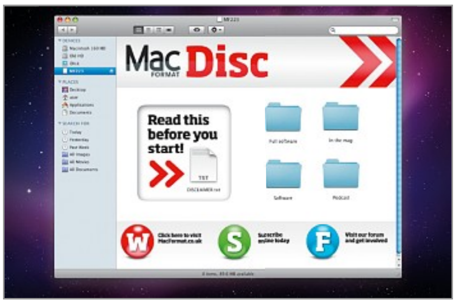
Host a hassle-free home game

You don't have to make the long trip to your local casino to see if the cards are running well for you. Instead you can invite a few friends over, hand around a few cigars, see if you can nail a royal flush or two and keep the bourbon flowing. But who wants to be burdened with the admin of the tournament when you're concentrating on your cards? Nobody, which is why you can rely on *Poker Manager* to keep tabs on blind changes, chip values, stack sizes and more.

Upgrade to Poker Manager 3

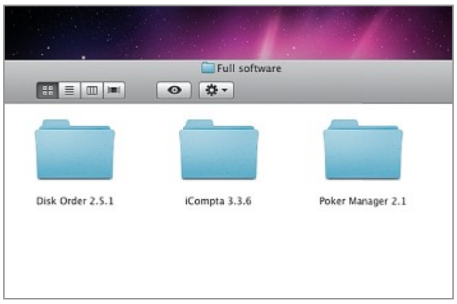
As a reader of *MacFormat* you're entitled to a 50% discount on *Poker Manager 3* (9.95 € instead of 19.90 €). Simply visit http://tinyurl.com/245rn6l.

>>HOW TO / Install the programs on your disc


Mac Format Disc
Read this before you start!
TXT
DISCLAIMER.txt
Full software
In the mag
Software
Podcast
Click here to visit MacFormat.co.uk
Subscribe online today
Visit our forum and get involved

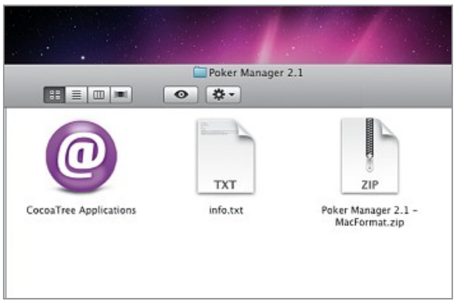
01 Loading the disc

Once you've inserted the disc in your Mac's optical drive and clicked on the disc icon to display its contents, you'll be greeted with this folder. Please make sure you read the disclaimer text file before you progress.


Full software
Disk Order 2.5.1
iCompta 3.3.6
Poker Manager 2.1

02 The software

Navigate through the folders as you would those on your hard disk. Using the *Finder*, click on the names that correlate with the magazine sections and you'll be greeted with folders for each of the applications.


Poker Manager 2.1
CocoaTree Applications
TXT
info.txt
ZIP
Poker Manager 2.1 - MacFormat.zip

03 Getting the apps

Each software folder will house at least three icons. The first is an info text file where you can read more about the product. Then comes a webloc site link and, finally, the app itself. Drag it to your desktop to open. ●

ON THE DISC

MacFormat Disc

Three full programs plus widgets, tutorials, reviews and freeware

>> HAVING PROBLEMS?

For further help email **support@futurenet.co.uk** or call our support team on **01225 822743**. If you have comments please email to Simon Holland, New Media Editor, at **simon.holland@futurenet.com**

FULL SOFTWARE

Disk Order 2.5.1
Poker Manager 2.1
iCompta 3.3.6

IN THE MAG

REVIEWS

Camtasia 1.1.0
Transmit 4.0.4

SHAREWARE REVIEWS

Blast 1.3
iStat Menus 3.02
SnapRocket 1.0.2

TUTORIALS

Ecoute 1.3.8
PhoneDisk 1.003
Snowtape 1.5.6

SOFTWARE

RECOMMENDED

Disk Order 3.1
iCompta 4.0.1
Poker Manager 3.5

MacFormat
ISSUE 223 / July 2010

MISSING YOUR DISC?
If your disc is missing, email **support@futurenet.com** or phone 01225 822743

SOFTWARE

TOP FREEWARE

Bos Wars 2.6
Boxee 0.9.21.11497
Calibre 0.6.54
Cryptor 1.61
DVD Hunter 1.0.4
FinderPop 2.3.0
KeyWack 1.4
PEnGUIn Encoder M4V 0.98b10
SkyORB 2.0.5
webPM2 2.3

WIDGETS

Countdown X 1.1.1
ImagesForever 1.7.1
TV Forecast 2.4.3
World Weather 1.0

PODCAST

20th May 2010
5th May 2010

>> FINDING A SERIAL CODE

With the new interface comes a slight adjustment in your route to full product activation. The majority of this software will still require you to register online for activation. But now, you'll need to double-click the webloc '@' icon.

Future Technology coverdisc

This disc has been thoroughly scanned and tested at all stages of production, but - as with any new software - we still recommend that you run a virus checker before use. We also recommend that you have an up-to-date backup of your hard disk(s) before using this disc.

Future Publishing cannot accept responsibility for any disruption, damage and/or loss of data to your data or computer system that may occur while using this disc, or the programs and data on it. We advise that you consult your network administrator before installing software on a networked Mac.

Coverdisc problems

If you are having difficulties using the *MacFormat* disc interface or its content, please visit our reader support website at www.futurenet.co.uk/support. On this regularly updated website, you'll find solutions to numerous commonly reported problems. If, after reading these, you are still experiencing difficulties, then please email our reader support team (support@futurenet.co.uk) or phone 01225 442244 and ask for coverdisc support.

Please note that we can only provide technical support for the installation of software. Unfortunately, we cannot give in-depth help on the applications, or on your hardware or operating system. For software support-related issues, please contact the relevant product's developers. We regret that are unable to provide serial numbers over the phone.

Please also note that Future Publishing can only provide technical support for this disc for a period of six months after this magazine's on-sale date.

Interface

- Interface requires OS X.
- Some programs may require free registration over the internet or phone.
- Some software may not be available in all territories.
- Where relevant, program values quoted are prices when sold with original packaging and manuals.

Made in the EU
MAC223 DISC

© Future Publishing 2010
Not to be sold separately

FROM THE MAKERS OF musicradar.com Guitarist Total Guitar GuitarTechniques COMPUTER music FutureMusic RHYTHM
FOR THE MUSICIAN IN YOU

The London Music Show is the UK's biggest and most inspirational event for anyone with a passion for making or playing music. All abilities. All genres.

Guitars | Drums | Sound technology | Music production | Unplugged | See top live acts | Meet iconic musicians | Learn new techniques | Buy the latest gear | Demo the coolest kit | Beginners' workshops | Exclusive masterclasses | 100s of exhibitors | 1000s of products

EXCITING | INTERACTIVE | UNMISSABLE
www.londonmusicshow.com

Bringing music to life

London Music Show 2010
8-10 October / ExCeL London

Brighton
12-13 Brighton Place
The Lanes BN1 1HJ

Hove
255 Old Shoreham Rd
Hove BN3 7ED

Bournemouth
78 Old Christchurch Rd
Bournemouth BH1 1LR

St. Albans
11 The Maltings Shopping Centre
St. Albans, Hertfordshire

Guildford
27 Friary Street.
Guildford GU1 4EH

Chichester
51a South Street
Chichester PO19 1DS

Free UK Mainland delivery

solutions inc.

0844 8751 610

www.**solutions-inc**.co.uk

Premium Reseller

Discover our wide range of high-quality iPad cases and headphones. Test-drive in-store or buy online from our brand new estore www.**solutions-inc**.co.uk/**store**

Griffin Elan Passport
High quality microsuede lined folio iPad case with card slots
£35.00 inc. vat

Incipio Kickstand
Unique tri-fold design- case and stand in one. Available in black
£25.00 inc. vat

Incipio Silicrylic
Two-part protective carry case for iPad. Choice of colours
£45.00 inc. vat

Be.ez La Robe Allure
Low-Resilience soft fleece-lined case in choice of colours
£25.00 inc. vat

Tucano Softskin
Lightweight, padded velcro iPad protective case. Available in white
£29.00 inc. vat

Tucano Elements
The iPad version of our most popular MacBook sleeves. Available in black
£29.00 inc. vat

Cygnett Glam
Unique glossy book-style protective case for iPad
£35.00 inc. vat

Cygnett Lavish
Protective book-style iPad case with microsuede lining
£35.00 inc. vat

WeSC Oboe
Stylish over-ear headphones. Also available in white, black or orange
£36.00 inc. vat

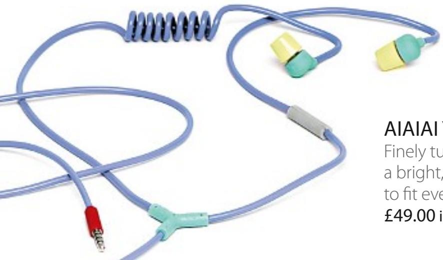
WeSC Pickup
On--ear headphones with great sound and build quality.
£36.00 inc. vat

Macally HifiTune
Premium-quality headphones with iPhone controls and mic
£47.00 inc. vat

Etymotic hf5 headset
Award-winning noise-isolation earphones available with iPhone mic
£92.00 inc. vat
w/mic for iPhone £103.00 inc. vat

B&W P5 Headphones
The stunning P5 headphones from Bowers & Wilkins blends natural, highly-detailed audio quality and excellent noise-isolation with a comfortable and stylish on-ear design. From the moment you first pick them up, their high-quality build is immediately apparent, the earpads are crafted from the highest quality New Zealand Sheep's leather and are attached magnetically for easy replacement. When you hear them, you can't deny that the Bowers & Wilkins P5 headphones represent the ultimate in luxurious personal audio. Includes remote and mic for iPhone and a carry pouch.
£249.00 inc. vat

AIAIAI Copenhagen collective of artists, musicians and designers dedicated to the creation of earphones, headphones and headsets that make a genuine statement. Test drive in-store or buy online today.



AIAIAI Tracks
High-quality on-ear head phones inspired by iconic Walkman design and boasting incredible clarity and bass response Available in creme and black.
£59.00 inc. vat

AIAIAI Y-Model Swirl
Finely tuned sound with high-quality drivers and a bright, tangle-free industrial design and earbuds to fit every ear shape .
£49.00 inc. vat

Well established
Solutions inc. is one of the most established and respected Apple UK partners with 17 years experience.

Win £100 store vouchers
Subscribe to our newsletter online for entry in to our monthly prize draw.

Secure on-line transactions
Our online store features a 3DSecure check-out page. Giving you peace of mind and security.

Free UK mainland delivery

Great availability, faster delivery
Over 700 products in store 7 days a week plus a further 500 on our brand new revamped online store 24/7.

Remote Control Support
The fastest way to get instant expert support for just £1 per minute.
www.solutions-in.co.uk/ support 01273 200900